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# Literature for U.S. Aquaculture, 1970-82



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# LITERATURE FOR UNITED STATES AQUACULTURE: 1970 - 1982

by

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and

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Beltsville, Maryland 20705

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## FOREWORD

Although fish farming is a relatively new endeavor in the West, it has been a sophisticated practice for almost 3,000 years in China. On a worldwide basis, the domestication of fish and shellfish is rapidly becoming an important method of food production. China, the world's largest aquaculture producer, depends on aquaculture for about 25 percent of its fish supply, while the worldwide average is 10 percent.

Defined properly, aquaculture goes far beyond fish farming. It is the controlled cultivation of animals and plants, including finfish, crustaceans, mollusks, and seaweeds. In the United States it consists primarily of production of fish for human consumption; but it also includes bait, ornamental fish, and stock for commercial and sport fisheries.

Consumer demand for aquaculture products and seafood is growing. Congress recognized the potential of U.S. aquaculture when it passed the National Aquaculture Act of 1980. This act calls for, among other things, the establishment and implementation of a national aquaculture development plan with appropriate participation by the public and private sectors. Some of the elements deemed essential to such a plan are:

- Awareness of species having significant potential for commercial cultivation.
- Technologies, problems, and opportunities associated with aquaculture development.
- Analyses of social, environmental, and economic impacts of aquaculture growth.
- Actions to be taken by the Federal Government to help solve aquaculture problems and enhance aquaculture development in the United States.

Among the information functions of national aquaculture activities are those to:

- Assess the adequacy of the information sources and data bases, whether for public or limited access use.
- Coordinate or assist in the compilation of specialized information tools when needed, such as directories, research-in-progress files, or data systems.
- Coordinate the bibliographic compilation of aquaculture citations and provide all feasible access to the published literature and other information sources.

The renewal of the 1980 act was before Congress in July of 1983 as the Aquaculture Improvement Act of 1983 (HR 2676).

This bibliography was prepared in support of U.S. Department of Agriculture efforts to implement the National Aquaculture Act of 1980 (P.L. 96-362) and the Agriculture and Food Act of 1981 (P.L. 97-98).

This bibliography is intended for users in the United States and therefore emphasizes those aquacultural topics of interest to U.S. researchers and others engaged in aquacultural pursuits. The sources of the information contained in the bibliography are the AGRICOLA data base produced by the National Agricultural Library (NAL) and the AQUACULTURE data file produced by the Virginia Institute of Marine Sciences (VIMS) with funding from the National Oceanic and Atmospheric Administration (NOAA). Both of these literature citation files are described in this publication. Foreign literature is included when it appears in either data base.

### Acknowledgments

The cooperation of Carol Rideout (Virginia Institute of Marine Sciences) and Robert Freeman (National Oceanic and Atmospheric Administration) in providing access to the AQUACULTURE data file is acknowledged. The original search strategy was developed and implemented by Charles Bebee, Information Systems Division, NAL. Valuable advice in modifying the scope of the resulting search was provided by Bryan Duncan of Auburn University, Alabama. Category codes and relevance of citations to the scope were determined by John B. Forbes and Charles Bebee of the National Agricultural Library, and Joan Lippincott of the Mann Library, Cornell University. Programs to revise and edit the search data were written and run by Edward A. Warnick, Information Systems Division, NAL. Citation and page design, as well as computer programming for the setting of the camera-ready copy, assignment of item numbers, and preparation of the personal author index were accomplished through a contract with CORDATUM, Inc. John B. Forbes was responsible for overall direction, planning, and coordination of the project.

Comments on the content, format, and usefulness of the bibliography should be sent to: National Agricultural Library, Field & Special Programs Division (F&SP), Room 300, NAL Bldg., Beltsville, Maryland 20705.

WALLACE C. OLSEN  
Chief, F&SP Division

October 1983

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## SCOPE AND ARRANGEMENT OF THIS BIBLIOGRAPHY

This bibliography was compiled by searching the full AGRICOLA files, 1970 through 1982, and a printout and tape were developed. In a similar manner the AQUACULTURE citation data base compiled by the Virginia Institute of Marine Sciences was searched. Citations were then placed into subject groups, edited, and augmented. Each file uses different abbreviations and terms, which were not altered.

The bibliographic citations are grouped under twelve topics. Within each topical section the citations are arranged thus: (1) by year of publication, with the most recent literature coming first; and (2) within each year, alphabetized by title. Foreign citations are filed by the English translated title.

<p>SAMPLES</p> <p>From AGRICOLA:</p>	<p>0536 1982</p> <p>Applications of endocrinology to fish culture (Hormones, induced breeding, larval rearing). Lam, T.J. Canadian journal of fisheries and aquatic sciences = Journal canadien des sciences halieutiques et aquatiques; v. 39, (1), p. 111-137. ill. Jan 1982. (Ottawa: Govt. of Canada, Fisheries and Oceans.) NAL Call No.: 442.9 C16J Literature review. (Includes 7 p. ref.)</p>
<p>From AQUACULTURE:</p>	<p>0537 1982</p> <p>CHINA UTILIZING 3 MILLION HECTARES FOR FISH BREEDING. WICKRAMANAYAKE, D. AQUACULTURE MAGAZINE 8 (5), 13-15. Aquaculture Data Base No.: 9798</p>

The index consists of personal names only, which are indexed in the form in which they were entered in the citation data base. Editors, compilers, joint authors, and the like are included if a data base entry was made for them. In general, terms such as "ed.", "comp.", and similar ones have been removed from the index. Depending on the indexing practices of the data bases, an author's given name may or may not have been reduced to initials, so both versions will appear in the index.

<p>SAMPLE:</p>	<p>ZSILINSZKY, SANDOR. 2570 ZUBER, S. 1943, 2160, 2161 ZUBOY, J.R. 2126 ZUR, O. 364, 1144, 1528, 1529, 1949 ZWEIG, R. 2049, 2219 ZWEIG, R.D. 1981</p>
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## Topical Outline of Subjects

Aquaculture is defined in this bibliography as the exploitation of a natural or artificial body of water for the growth of food products such as fish, mollusks, and seaweed. Emphasis is on culture.

### Section 1: General Aquaculture

- articles too general to be classified in any other section
- history of aquaculture
- surveys of the aquaculture of a country
- (Fish farming literature is in Section 7, Production and Management Systems, as is literature limited to algae culture or the culture of individual fish species)

### Section 2: Biology and Behavior

- as individuals or groups
- when interacting with other species (as in polyculture systems)

### Section 3: Breeding and Genetics

- to improve aquacultural species
- selection, screening, mutagenesis
- monosex progeny and induction
- gene-environment relations
- most hatchery activities

### Section 4: Diseases, Parasites, Pests

- identification, diagnosis, epidemiology, pathogenesis, and control
- host-parasite and host-pathogen relations
- weeds and weed control
- competitors

### Section 5: Ecology and Environment

- requirements for optimum growth or production
- effect of pollutants
- pollution generated by aquacultural species
- oxygen maintenance

### Section 6: Feeding and Nutrition

- practices, nutrition, nutrient requirements
- feed formulations and new feeds

### Section 7: Production and Management Systems

- fish farming
- culture of individual species
- new production systems
- systems, procedures, equipment, facilities
- production efficiency
- cage, trough, tank, or pond culture



- Section 8: Harvesting and Handling  
systems, procedures, equipment, facilities  
new system development  
quality maintenance
- Section 9: Processing and Product Development  
systems, procedures, equipment, facilities  
quality maintenance  
consumer acceptance
- Section 10: Product Quality, Nutritive Value and Consumption  
flavor, aroma, texture, and color  
consumer acceptance
- Section 11: Marketing and Economics  
aquaculture system economics  
costs, returns, prices, profits, risk, labor, and  
employment  
market structure and potential markets
- Section 12: Taxonomy and Introduction of New Species  
introduction for production feasibility  
analyses of selections and mutants for testing

#### Subjects and Materials Not Included

Algae without reference to economic potential  
Aquatic weed control when the application is not defined  
Biology of aquatic organisms without reference to their culture  
Capture fishery  
Management of sports fish after the fingerling stage  
Recreational use of farm fishponds  
Watershed management  
Wildlife management

In addition, some literature or types of materials are omitted from both source data bases at the time of initial compilation, based on selection criteria used by the AGRICOLA and AQUACULTURE data bases.

## AVAILABILITY OF DOCUMENTS

Many of the publications listed in this bibliography are available from technical, land-grant and local public libraries. Users should attempt to obtain documents from State or regional sources first. However, the NAL call numbers are given for all material owned by the National Agricultural Library, and AQUACULTURE data base numbers for documents serviced by the AQUACULTURE data base.

### From the National Agricultural Library

Those items with NAL call number indications can be obtained from NAL; however, users must try local resources first. Periodicals are not lent, but photocopies of any single article may be ordered at \$3.00 for the first 10 pages or fraction thereof, and \$2.00 for each succeeding 10 pages. (Prices are subject to change.) Money should NOT be sent since a bill will be mailed later. Items with correct NAL call number noted will be expedited. Individuals may request service directly, preferably on USDA Form LF-607, Request for Photocopy Service. For information on document service or orders, send to:

Utilization Section, Room 101  
National Agricultural Library  
Beltsville, Maryland 20705

USDA employees should see the USDA Regional Document Delivery section on pages 15-16.

### For AQUACULTURE Data Base Citations

Creators of the file provide document service on items showing an AQUACULTURE data base number, subject to provisions of the copyright. Charges are 50 cents per article for microfiche and 10 cents per page for photocopies. Ask for copies of articles by their AQUACULTURE data base number for expeditious handling.

Send orders to: AQUACULTURE Data Base  
Virginia Institute of Marine Sciences  
Gloucester Point, Virginia 23062

For further information contact Carol Rideout at VIMS (804-642-2111).

## ABSTRACTING AND INDEXING AIDS INCLUDING ONLINE CITATION FILES

Thousands of citations to the literature on various aspects of marine and freshwater fisheries and aquaculture are available in printed and computerized formats covering the last 5 years. The following are listed because they contain extensive holdings concerning aquaculture. Several related files also exist, but they are generally more specialized in their coverage. This is a very selective list.

### Bibliographic Sources

AGRICOLA (Agricultural Online Access). From 1970 to the present, 1.6 million citations, monthly updates, online with three utility vendors (prepared by the National Agricultural Library).

This massive file provides comprehensive coverage of worldwide literature in journals, books, reports, and translations collected by NAL, including a wide selection of those on aquaculture and a select list on fisheries. New category codes for aquaculture were introduced in 1981 allowing for greater specificity of subjects. Very little material concerned with brackish or marine organisms is indexed. About 3,000 citations included in this bibliography are from the AGRICOLA data base. Species names are included in the index record when the publication cites them. Of particular value to this bibliography is the literature from the State Cooperative Extension Services. The major portion of the file is published monthly in the Bibliography of Agriculture, by Oryx Press, 2214 North Central at Encanto, Phoenix, Ariz. 85004.

AQUACULTURE. From 1970 to the present, 10,000 citations, monthly updates, online with Dialog Information Retrieval Services as File 112 (prepared by Virginia Institute of Marine Sciences under sponsorship of the National Oceanic and Atmospheric Administration). Available online since 1980, this file includes abstracts with many of the entries. Sources include journals, books, reports, theses, conference proceedings, newsletters, and English translations of foreign papers, but the best coverage is that of organizations within NOAA and institutions in the National Sea Grant Program. It provides coverage on the growing of marine, brackish, and freshwater organisms, including disease, economics engineering, food and nutrition, and legal aspects. The file is particularly valuable for short articles and news items. Approximately 100 items are added monthly. Since January 1983, it has been cosponsored by the National Agricultural Library. It is available only as an online data base.

AQUATIC SCIENCES AND FISHERIES ABSTRACTS. The online file (ASFA) covers from 1978 to the present, 100,000 citations, monthly updates, online with Dialog Information Retrieval Services as File 44 (prepared by Cambridge Scientific Abstracts since 1982 under the sponsorship of the Aquatic Sciences and Fisheries Information Service of the Food and Agriculture Organization).



This comprehensive data base concentrates on life sciences of the seas and inland waters as well as related political, legal, and social topics. Valuable for its extensive coverage of European, British Commonwealth, and U.S. scientific literature on fisheries, oceanography, and water pollution. Since 1978 published in two sections:

1: Biological Sciences and Living Resources

2: Ocean Technology, Policy and Non-Living Resources.

Both the online and printed records have abstracts.

### Current Research Information System (CRIS)

This research-in-progress file is a project documentation and reporting system for agricultural and forestry research conducted by the USDA research agencies, State land-grant institutions, State forestry schools, and other cooperating State institutions. The file contains project summaries of this research, names of investigators, a recent progress report, and a list of the latest resulting publications. CRIS is online as File 60 of the DIALOG Information Retrieval Service. The recently published Aquaculture Research: A Directory of USDA and State Projects in CRIS (USDA Miscellaneous Publication 1432, January 1983, 357 pp.) was produced from this file. The directory lists research project descriptions categorized in the same manner as this bibliography, and should be used in connection with it.

### Other Sources

Numerous other closely related or highly specialized printed or online files exist. The reader is referred to the following sources for additional information and some evaluation of the bibliographic aids.

GUIDE TO SOURCES FOR AGRICULTURAL AND BIOLOGICAL RESEARCH, edited by J. Richard Blanchard and Lois Farrell. Berkeley, University of California Press, 1981. 735 pages. Contains a 7-page section entitled Commercial Fishing and Fisheries (entries D735-D824) with an introductory narrative, and subsections headed Abstracts and Indexes, Bibliographies and Library Catalogs, Dictionaries and Encyclopedias, Directories, Lists of Fishes, Periodical Lists, and Statistics. The reader is referred to this volume for details on all of these specific types of publications. Aquaculture is not strongly represented in the book, however.

AQUATIC SCIENCES SEARCH COVERAGE, by Ann M. Juneau. Pages 91-106. In Online '81 Conference Proceedings. Dallas, Texas, Online, Inc., November 1981. A discussion and evaluation of three data base files with emphasis on the marine sciences and fisheries.

FISHERIES AND AQUACULTURE INFORMATION: THE STATE OF THE ART by Deborah Turnbull. Pages 231-239, In Proceedings of the Vith World Congress of the International Association of Agricultural Librarians and Documentalists: Agricultural Information to Hasten Development. Los Banos, Philippines, 1981. Largely a description of the Aquatic Sciences and Fisheries Information System (ASFIS) and other FAO activities.

#### USING ONLINE CITATION FILES TO KEEP CURRENT

Online bibliographic systems offer a systematic routine which allows for the registration of individual subjects of interest which can then be automatically matched against new bibliographic tapes whenever they appear, usually monthly. The subject of registration or search strategy may be stored in a computer and need not be reconstituted each time a new monthly search is made and a list of citations printed. The end result is a monthly list of new literature which is mailed to the person getting the service. This provides current awareness of the newly published literature with very little effort after the subject profile is established.

The alerting method is known as selective dissemination of information (SDI), but has other names as well, such as Current Awareness Literature Service (CALS) which is operated by the National Agricultural Library for USDA researchers.

Bibliographic current awareness is available from many land-grant and academic libraries on a fee for service basis. Anyone wishing to establish this routine as a method of continuous updating of the bibliography should contact a major library close at hand. The service may also be obtained directly from the three major bibliographic utilities which have the AGRICOLA file online and which update it monthly. Only the DIALOG service, however, has the AQUACULTURE and ASFA data bases. Those three commercial vendors are:

DIALOG INFORMATION SERVICES, INC.  
3460 Hillview Ave.  
Palo Alto, California 94304  
(415) 858-3785

BIBLIOGRAPHIC RETRIEVAL SERVICE  
1200 Route 7  
Latham, New York 12110  
(518) 783-1161

SYSTEM DEVELOPMENT CORPORATION  
SDC Search Service  
2500 Colorado Ave.  
Santa Monica, California 90406  
(213) 829-7511

### AQUACULTURE Data Base Service

The Virginia Institute of Marine Sciences (VIMS) will provide current awareness or other searches of its data base file for interested aquaculturalists. There is a \$5.00 service charge, plus the online time charge and a citation printing charge. Searches of the AQUACULTURE file produce custom bibliographies on the subjects requested. This service is considered by VIMS to be of greatest value to those without terminals or easy access to research libraries, and for the use of less developed countries. Anyone interested should apply to:

Carol Rideout, Information Specialist  
AQUACULTURE Data Base  
Virginia Institute of Marine Sciences  
Gloucester Point, Virginia 23062  
(804) 642-2111

### Current Awareness Literature Service (CALS) for USDA Employees

This current literature updating system is utilized by 3,000 USDA scientists and researchers. The system allows for establishing a subject profile which can be used to extract appropriate citations from several data bases. Those used by the National Agricultural Library for this service are: Biological Abstracts, BioResearch Index, Chemical Abstracts, AGRICOLA, World Textile Abstracts, Government Reports Announcements from NTIS, TELEGEN, and the full Commonwealth Agricultural Bureaux (CAB) file. All are searched for routine updating in an off-line batch mode.

USDA employees are qualified to use CALS as an adjunct to their research efforts. They should work through their field libraries or the network service centers of their agencies. Direct inquiries to:

Information Systems Division  
Fifth Floor  
National Agricultural Library  
Beltsville, Maryland 20705  
(301) 344-3813



## SUMMARIES AND REFERENCE TOOLS

The following publications are good summaries or reference tools with information of value to U. S. aquaculture. They are all valuable for locating information, data, organizations, or contacts.

THE AMERICAN FISHERIES DIRECTORY AND REFERENCE BOOK, published by National Fisherman, 21 Elm Street, Camden, Maine 04934. Second edition, 1981. 760 pages.

This is the most up-to-date and complete guide to marine, brackish, and freshwater fisheries work, and is a remarkably broad and well-produced volume. The following sections are included:

- I. Directory of Equipment Manufacturers, Distributors, and Dealers.  
Twelve chapters covering fishing gear to food packing. 248 pages.
- II. Directory of Services.  
Twelve chapters covering boatbuilding to trade shows, including a directory of education. 74 pages.
- III. Directory of Brokers, Buyers, Exporters and Importers, Processors and Wholesalers of Seafood and Fish Products.  
Thirteen chapters. 210 pages.
- IV. Books and Periodicals.  
Two chapters of in-print books, and mostly marine periodicals. Good basic list of materials for the commercial fisheries industry. 12 pages.
- V. Geographic Fishery Regions.  
Seven chapters on major portions of the United States, plus a chapter on lakes and rivers. Organizations and contacts are given for Federal offices which relate to fisheries and aquaculture, as well as State offices, some State organizations, and statistics on State production. 167 pages.
- VI. National Directory.  
Chapter 1 covers 12 U.S. Federal Departments plus 18 U.S. commissions, institutions, academies, authorities, offices, or foundations. Chapter 2 deals with committees of the U.S. Congress and 44 laws. 18 pages.
- VII. Organizations.  
Includes a chapter on coastal commissions, and a second chapter on associations ranging from aquacultural through trade associations. 6 pages.
- VIII. International Directory.  
Includes chapters on international fisheries commissions, the United Nations, and selected fishing nations (with contacts and data). 6 pages.

The final section of the work is an advertisers' index. An appendix provides national and international statistics on fisheries.

AMERICAN FISHERIES SOCIETY MEMBERSHIP DIRECTORY AND HANDBOOK, American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Md. 20814. 1982 edition, 75 pages. (NAL Call No. SH1.A5)

Alphabetical list of the 1,100 personal members plus corporate and associate members. Includes information of concern to society members such as a code of practice, executive committee, standing committees and members, officers, and State or chapter offices. Largest professional society in the United States in this field, 112 years old.

AQUACULTURE AUDIO-VISUAL FILMS CATALOG. American Fisheries Society in conjunction with U.S. Fish and Wildlife Service, 5410 Grosvenor Lane, Bethesda, Md. 20814. 12 pages. \$2.00.

This catalog contains detailed information on about 93 films, videotapes, and slide/tape presentations on aquaculture. Subjects covered range from algae to nearly all cultured fin fishes, shellfishes, plankton, sea ranching, and crustacea. For each film, information is provided on title, species, film or video format, length, source, year, rental price, and a synopsis of the subject matter.

CATFISH PROCESSORS REPORT, Monthly summary of pounds processed, prices paid, and imports. Contact: Paul Hurt, Statistical Reporting Service (202) 447-2123.

DIRECTORY OF AQUACULTURE INFORMATION RESOURCES. National Agricultural Library, through a contract with Aspen Systems Corp. Beltsville, Md., December 1982. 53 pp. (Bibliographies and Literature of Agriculture No. 25). Available from NTIS, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151, as PB833176388 at a cost of \$10 for paper and \$4.50 for microfiche.

This compilation was made in response to questionnaires sent to 680 organizations and was subsequently narrowed down to 85 significant libraries and information centers with special collections of aquaculture information for whom providing information is a major function. These organizations honor mail and telephone requests, and users are not required to visit the organization or agency to obtain information. Organizations limiting services to areas smaller than a State and those whose costs for services or membership were considered unduly restrictive or prohibitive were not listed. Each entry is accompanied by a full description of the organization and the services available.

FISH HATCHERY MANAGEMENT. Piper, Robert G., and others, U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. 1982. 517 pages. Out-of-Print.

Designed to be a practical guide to efficient hatchery management for practicing fish culturists. The emphasis is on practicing fish culturists. "Research and hatchery biologists, bioengineers, and microbiologists will not find the indepth treatment of their fields that they might expect from a technical publication. For example, we



offer a guide that will help a hatchery manager to avoid serious disease problems or to recognize them if they occur, but not a detailed description of all fish diseases, their causative agents, treatment, and control." Contains extensive appendices and bibliographies, a glossary, and an index.

MAJOR AQUACULTURE ASSOCIATIONS, EDUCATION AND RESEARCH RESOURCES IN THE UNITED STATES. National Agricultural Library, in conjunction with Department of Fisheries and Allied Aquacultures, Auburn University, Auburn, Alabama. Beltsville, Md., April 1983. 174 pp. (Bibliographies and Literature of Agriculture No. 26). Available from NTIS, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151, as PB83226407 at a cost of \$17.50 for paper and \$4.50 for microfiche.

## SELECTED PRIMARY PERIODICALS

This very limited group of journals and periodicals includes the most active titles used by practitioners and researchers in the United States. Not included are the numerous newsletters issued by associations, State offices, and institutions in the National Sea Grant Program, as well as those which are primarily news or commercial periodicals.

AQUACULTURAL ENGINEERING; AN INTERNATIONAL JOURNAL. London, Applied Science Publishers Ltd., Journal Information Center, Elsevier Science Publishers, 52 Vanderbilt Avenue, New York, NY 10017. (Quarterly, \$84.70) Vol. 1, 1982. (NAL Call No.: SH1.A66).

Emphasis is placed on fundamental research, the development of engineering methods and the application of ideas which "may not necessarily be novel in themselves, but which have not before been applied to aquacultural engineering problems. It is the policy of the journal to encourage intercommunication between biologists, engineers, economists and marketing people, in fact all who have a common interest in aquacultural engineering." Types of contributions: Original papers, review articles, survey papers, short communications, comments, book reviews, and letters to the editor.

AQUACULTURE, Elsevier Scientific Publishing Co. Contact for United States and Canada: Elsevier Journal Information Centre, 52 Vanderbilt Ave., New York City 10017. (16 issues a year; \$313 a year) Vol. 25 (1982) over 1,000 pages. (NAL Call No. SH1.A6)

An international journal devoted to research on the exploration, improvement, and management of all aquatic food resources, floristic and faunistic, from freshwater, brackish, and marine environment. Extensive coverage of cultivation techniques and processes.

AQUACULTURE DIGEST, 9434 Kearny Mesa Road, San Diego, Calif. 92126 (Monthly; \$40 a year) Vol. 7 (1982) about 300 pages. (NAL Call No.: SH1.A63)

A current awareness guide to activities taken from published literature, telephone calls, mailed in announcements, and correspondence. Brief summaries with good references to sources, compactly packaged. Special emphasis is given to business news, scientific research, and production.

AQUACULTURE MAGAZINE, P.O. Box 2329, Asheville, N.C. 28802 (Bimonthly, \$15 a year) Vol. 8 (1982) about 250 pages. (NAL Call No. SH1.C65) Includes news and feature articles for those engaged in production, processing, and marketing of finfish, shellfish, crustaceans, and aquatic plants. Includes reports on educational courses, extension activities, products and services, operations, research, political and legislative activities, annual meeting summaries of State associations, new equipment and supplies, publications, and a good calendar of future activities. Its annual Buyer's Guide is excellent.

FARM POND HARVEST, Professional Sportsmans Publishing Co., Box AA, Momence, Ill. 60954. (Issued in January, April, July, and October; \$8 a year) Vol. 16 (1982) about 150 pages. (NAL Call No. SH1.F3) Concerned with farm pond planning, construction, management, and fishing and harvesting. Very newsy and informal. Includes much industry advertising.

FISHERIES: A BULLETIN OF THE AMERICAN FISHERIES SOCIETY, The American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Md. 20814. (Bimonthly, \$30 per volume per year) 60 pages an issue. (NAL Call No. SH1.F54)

The society newsletter and professional journal of the largest fisheries group in United States. Includes some papers on fisheries management, but its prime value is announcements of recent developments, news and notes of the society, good list of coming meetings, and new books and literature. Contains ads of interest to professional fish biologists.

FISHERY BULLETIN, National Marine Fisheries Service, National Oceanic and Atmospheric Administration., U.S. Dept. of Commerce, 6010 Executive Blvd., Rockville, Md. 20853. Available from GPO. (Quarterly, \$12 a year) Vol. 80 (1982). 750 pages. (NAL Call No. 157.5 B87)

Carries original research reports and technical notes on fishing sciences, engineering, and economics. Concentrates on marine fisheries.

JOURNAL OF FISH BIOLOGY, Published by Academic Press for the Fisheries Society of the British Isles, 24/28 Oval Road., London, NW1 7DX, England. (Monthly, \$252 a year) Vols. 20 & 21 (1982) about 700 pages. (NAL Call No. QL614.J68)

A scholarly, authoritative journal on all aspects of fish biology, fisheries research results, management, and conservation. Emphasis is predominantly on marine fish biology, and the British Commonwealth countries.

JOURNAL OF FISH DISEASES, Oxford & Boston, Blackwell Scientific Publications. (Bimonthly; \$165 air freight) Vol. 5 (1982) about 500 pages. (NAL Call No. SH171.A1J68)

Highly scientific and scholarly, primarily on brackish and marine fish. An international journal publishing scientific papers, short communications, review articles, and book reviews. High quality printing with numerous illustrations.



NORTH AMERICAN JOURNAL OF FISHERIES MANAGEMENT, American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Md. 20814. (Quarterly, \$10), available to members only.

Journal examines management techniques, problems, issues and opportunities, and publicizes pertinent field notes and observations.

PROGRESSIVE FISH-CULTURIST, Fish and Wildlife Service, U.S. Dept. of Interior. Available from GPO. (Quarterly, \$10 a year) Vol. 44 (1982) about 230 pages. (NAL Call No. 157.5 P94)

Primarily concerned with native American field fish -- their health, propagation, equipment, and general care. In recent years more emphasis has been placed on their culture in reservoirs, impoundments, lakes, and associated environmental situations. A practical scientific journal for advanced culturalists.

TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY, The American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Md. 20814. (Bimonthly, \$15 to members). Vol. 111 (1982) about 150 pages per issue. (NAL Call No. 414.9 AM3)

An authoritative scientific and technical publication devoted to original research on fisheries biology; management of fish, fisheries, and related aquatic resources. Includes articles, brief communications, book reviews, and occasional special sections on a single topic.

JOHN B. FORBES  
Field & Special Programs Division

CHARLES N. BEBEE  
Information Systems Division

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CHRISTOPHER, F.M.	934	COPELAND, J.	785	DAMMANN, A.E.	1907
CHUA, T.-E.	2369, 2391	COPESE, P.	1964, 2021	DANALD, D.	2485
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CLIFTON, J.A.	3336	COUTANT, C.C.	721	DAVIS, J.T.	18, 2479, 2990
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DELONG, L.A.	172	DROBECK, K.G.	1330	ENG, P.	1938
DE LOS REYES, C.	710	DRUBEN, LAUREL.	2611	ENGLAND, D C.	1239
DELOS SANTOS, C., JR.	3337	DUBROVIN, V.N.	1567	ENGSTROM-HEG, R.	1939
DELUCA, D.	1999	DUCHROW, R.M.	2849	ENGSTROM, D.G.	1981
DE MESA, I.E.	457	DUDLEY, J.E.	1692	ENRIGHT, C.T.	1201
DENDY, JOHN S.	3074	DUDLEY, N.	2067	ENTENMANN, B.	1424
DENDY, J.S.	684	DUFFER, WILLIAM R.	2420	EPIFANIO, C.E.	1488, 2866
DENNIS, L.	2815	DUGGAN, W.	2975	EPLER, P.	565
DENOY, J.S.	1709	DUKHNOVSKI, M.K.	832	EPPS, E.A.	914, 1728
DENUCE, J.M.	414, 547	DUNCAN, B.	2020	ERDMAN, D.S.	2908
DE PAUW, N.	1487	DUNCAN, B.L.	92	ERICKSON, J.D.	1818
DEREVYAGINA, N. G.	3162	DUNHAM, R.A.	374	ERMAN, Y.E.	1755
DESAUTELS, D.	899	DUNSETH, D.	1671, 2521	ERNST, L K.	1283
DESHIMARU, O.	1497	DUNSETH, D.R.	936	ERSOZ, A.	3402
DESTAJO, W.H.	1612	DUNSTAN, W.M.	1351, 1356, 1360, 1718, 1723	ESCHMEYER, P.T.	2882
DE SYLVA, D.P.	1794	DUPONT, E.	1072	ESCRITOR, G.L.	3017
DETWYLER, R.	531	DUPREE, H.K.	532, 875, 2361	ESKILDSSEN, U.	991
DEUFEL, J.	1000			ESPINOSA V. DE.	52
DEUTSCH, HANK.	2696	DUPUY, J.	192	ESQUIERS, P.G.	3463
DEV, D.S.	1779	DURANT, D.F.	895	ESTENOR, D.	2342
DEVARAJ, K V.	959, 1491, 1664, 1699	DUREZA, V.A.	500	ESTEPA, F.	2342
DEVIK, O.	1256	DURONSLET, M.J.	485	ESTES, THOMAS S.	2644
DEWAN, S.	1522	DUTHU, G.S.	1676	EVANGELISTA, C L.	1638
DEWITT, F.A. JR.	1346	DUTROW, R.W.	3351	EVANS, M.C.	2431
DEY, R.K.	718	DWIVEDI, S.N.	449, 2104, 2174, 2477	EVANS, N.	3341
DEYOE, C.W.	1651, 1716	DWYER, J.F.	3368	EVANS, R.	1413
DHAWAN, R.M.	1432, 1825	DYE, H.M.	584	EVEREST, F.H.	1035, 1922
DHULKHED, M.H.	2142	EALLES, J.G.	355	EVEREST, FRED H.	1335
DIAMANTIS, B.	825	EARNEST, R D.	1363	EVERHART, WATSON HARRY;	1918-, 2733
DIAZ, E.L.	512	EASLEY, J.E., JR.	3253, 3310, 3396, 3406, 3418	EVERSOLE, A.G.	865, 924
DICKHOFF, W.	581			EVTUSHENKO, N.IU.	1507
DICKHOFF, W.W.	405	EASTCOTT, A.	1405	EWART, J.	3168
DILLARD, J.	3415	EBEL, W.J.	885	EWING, R. D.	462, 2237, 2317
DILLARD, JOE G; ED.	2921	EBLE, A.F.	2323, 2431, 2506, 2507, 2524, 2562	EZENWA, B.	1411
DILLON, OLAN W.	2986, 3044	ECHEVERRI R, R.	2749	FACTOROVICH, K.A.	974
DILLON, O.W. JR.	203, 2694	ECKSTEIN, B.	376, 780	FAGERLUND, U.H.M.	355, 421, 470
DIMENTMAN, C.	1650	EDDIE, G.C.	3099	FAHY, E.	1544
DIMITROV, M.	1705	EDSALL, C.C.	538	FAINA, R.	1441
DING, L.	609	EDWARDS, A.	2594	FAIR, P.H.	1481
DISALVO, L.H.	1179	EDWARDS, DAVID JOHN.	2442	FANG, Y.C.	593
DI SILVERSTRO, C.	1355			FANTUZZI, R.	1862
DIXON, D.A. JR.	1929, 3240	EDWARDS, D.J.	2423	FARIA, N.M. DE O.	2068
DIXON, O.W.	917	EDWARDS, P.	1524, 1549, 1886, 1887, 1888	FARLEY, D.G.	3095
DJAJADIREDA, R.	269, 1754, 2089, 2360	EDWARDSON, W.	3423	FARMANFARMAIAN, A.	1202, 1217, 1230, 1235, 1399, 2506
DOBAY, R.	1183	EGERT, JAN.	3052	FARMER, A.S.D.	1957
DOBBELEIR, J.	1501, 2351	EGRI, L.	1183	FARMER, M.W.	476
DOBKIN, S.	784	EGUSA, S.	533, 952	FASSLER, C.R.	81, 125, 2409, 3231
DOBSON, W.D.	3496	EHLINGER, N.F.	745	FEDORENKO, V I.	1283
DODGE, C.H.	44	EIPPER, ALFRED W.	2733	FEDOROVA, L.S.	771
DODGE, W.T.	1861	EIPPER, A W.	2958	FEDYAEV, V.E.	3523
DONALDSON, E.M.	584, 957	EISAWY, A.M.	2788	FEINSCHREIBER, R.	3237
DONALDSON, J.R.	242, 267, 2663	EISENBERG, D.	2046	FELDMAN, L.G.	3376
DONALDSON, L.	424	EITENMILLER, R.R.	3203	FELDMANN, C.	424
DONALDSON, L.R.	9, 158, 2192, 2682, 2925	EKLUND, LOUISE F.	2151	FELDMANN, C.L.	2743
DONNELLY, R F.	992	EKLUND, M.W.	848	FENDRICK, J.L.	866
DOOLITTLE, A.M.	1981	EL-ZAHR, C.	608	FENNER, F R.	3185
DOR, I.	502, 1650	EL-ZENINY, M.	1382	FERGUSON, H.W.	1061
DORBAND, W.R.	1254, 1275, 2755	ELAM, L.	2930	FERNANDES, S.G.	3311
DORSEY, K.T.	2818	ELAM, L.L.	2780, 3032	FERN, P N.	1672
DORYSHEV, S.	276	ELDANI, A.	561	FERRARI, I.	1515
DOUEY, D.	899	ELDRIDGE, M.B.	1443	FERREIRA, C.R. DE C.	3327
DOUGLAS, J.H.	1314	ELDRIDGE, PETER J.	2748	FERREIRA DE SOUZA, T.P.	1277
DOVE, G.R.	1651	ELEFANO, S.C.	2167		
DOW, R.L.	324, 1116, 3012	ELIASSEN, M.	1847	FESSLER, F.R.	3546
DOWLING, J.E.	356	ELLARSON, ROBERT S.	2793	FFRENCH, RUDOLPH A.	3500
DOWNNEY, P.C.	1028	ELLERTSEN, B.	2652	FICKEISEN, D.H.	2069
DOYLE, R.W.	656	ELLIOT, E.L.	849	FIEBIG, H.	893
DRABLOS, D.	1108	ELLIS, J.	2864	FIELD-DODGSON, M.S.	582
		ELLIS, J.E.	3101	FIELDER, D.R.	564
		ELSTON, R.	849, 862	FIJAN, N.	2971
		EMMERSON, W.D.	566		



FIK, M.	3224	FUTCH, C.R.	531	GIUDICE, J.	1775
FIL'CHAGOV, L.P.	2236	GABELHOUSE, D.	1909	GJEDREM, T.	576, 671, 1769
FILATOVA, A.K.	1534	GAGNE, JEAN LUC.	2519	GJEFSSEN, T.	1457
FILIPIAK, J.	1858	GALASUN, PETR TARASOVICH.	965	GLAZACHEVA, I. V.	1264
FINKBEINER, K.	2825			GLEZMAN, G M.	2616
FINLEY, W.	3120	GALASUN, P.T.	525, 810	GLOMB, S.J.	499
FISH, H.	1344	GALAT, J.R.	3082	GLUDE, J.	105
FISHMAN, P H.	1628	GALL, G A E.	790	GLUDE, J.B.	136, 137, 1003, 1223, 1805, 1914, 2380, 2390, 2408, 2415, 2460, 2461, 2547
FITZGERALD, W.J., JR.	4, 96	GALLUCCI, V.F.	2050	GLUDE, JOHN B.	188
FITZHUGH, H A.	3595	GARCIA-BADELL LAPETRA, JOSE JAVIER.	2013	GODBOUT, R.	570
FITZPATRICK, L.C.	488	GARDEAGABAL, M.	2481	GODDARD, J.S.	3347
FLAGG, VIRGINIA G.	2462	GARDNER, P.N.	1811	GODFRIAUX, B.	1883
FLEECE, D.	2055	GAREY, J.	670	GODFRIAUX, B.L.	1187, 1860, 2430, 2506, 2556, 2562
FLICKINGER, S.A.	586, 675, 1384, 1560	GARNER, CARROLL R.	3497	GODIFRIAUX, B.	1882
FLIK, B.J.G.	391	GARRELL, M.H.	1804	GODIN, J.G.J.	1436
FLINN, A.M.	1505	GARSHIDE, E.T.	513	GODWIN, D.S.	2959
FLINT, R.W.	1306	GARY, D.L.	2710, 3459	GOEBEL, R.	2046
FLORES, R.S.	690	GARZA, C.R.	1648	GOFF, J.L.	3351
FLORIO, D.	2310	GATES, J M.	253, 3261, 3370, 3495, 3515, 3519	GOFF, L J.	955
FLUCHTER, J.	672	GATES, K.	1729	GOLDBERG, R.	2016
FOLLETT, R.	3171	GATESOUPPE, F.J.	1386, 1473	GOLDMAN, C.R.	1306
FOLMAR, H.G.	465	GAUCHER, T.A.	318, 331	GOLDMAN, J.C.	1265, 1271, 1287, 1311, 1324, 1341, 1356, 1659, 1682, 1684, 1721, 2337, 2473, 2579, 2631, 2683, 2721, 2756
FONDS, M.	514	GAUDET, JEAN-LOUIS.	2977	GOLDMINTZ, D.	3176
FONTAINE, C.T.	3562	GEDDES, J.A.	469	GOLDSMITH, J.B.	3234
FONTAINE, M.	763	GEDNEY, R.H.	2624	GOLIKOV, A.N.	1236
FONTENELE, O.	3444	GEE, J.H.	423	GOLOVKOV, G A.	2643
FORD, D.	2230	GEEN, G.H.	572	GONZALES, K.	1137, 1165, 1514
FORD, E.C.	3548	GEORGE, K.V.	715	GONZALEZ, O.	2037
FORD, R.F.	1254, 1275, 1292, 2755, 2817	GEORGE, M.J.	2025	GONZALEZ C, O.	1561
FOREST, K.	1325	GEORGE, P B.	1239	GOOBY, R.	3521
FORESTER, J.S.	1205, 1613	GEORGE, T.T.	1761	GOOCH, D.	1802
FORESTER, T. S.	1204	GERARD, A.	1982	GOODLAD, J.H.	2199
FORREST, D.M.	2543	GERARD, R.G.	2994	GOODRICH, D.R.	3067
FORSHT, ELWOOD H.	1278	GERARD, V.	461, 1115	GOODSELL, J.	670
FORSTER, J.	611	GERASIMOV, V.V.	2285	GOODWIN, HAROLD LELAND.	2539
FORSYTHE, P.	2061	GERASIMOVA, T D.	2592	GOODWIN, H.L.	254, 275, 277, 2540, 2557, 2687
FORTNER, A.R.	1481	GERG'OVSKA, K.	446	GOODWIN, H.L.L.	194
FOSTER, J.E.	2450	GERHARDSSEN, GERHARD MEIDELL.	645	GOPALAKRISHNAN, V.	256, 1298, 3468, 3489, 3541, 3600
FOSTER, MICHAEL S.	2151	GERHARDSSEN, G.M.	2916, 3410	GOPALAN, U.K.	3296
FOSTER, N.R.	2739	GERKING, SHELBY D; 1918- ED.	1203	GOPINATHAN, V.G.	1825
FOSTER, THOMAS H.	3499	GERMANN, J.F.	1353	GORBMAN, A.	405
FOSTIER, A.	669	GEROCHI, D.D.	653, 1852	GORBUNOV, K.V.	1098, 2350
FOTT, J.	1107, 1325	GERSTUNG, E.R.	1985	GORDEEV, N.A.	1111, 2102
FOUCHE, L.	1917	GETCHELL, D.R.	3366	GORDIN, H.	370
FOURNIER, F.	237	GHITTINO, P.	961, 1011, 1611	GORDON, H.S.	309
FOWLER, J.F.	1307	GHIZELA, G.	1183	GORDON, M.S.	1025
FOWLER, L.G.	545	GHOSH, A.	3541	GORDON, W.G.	3553
FOX, W E.	3179	GHOSH, B.B.	706	GORE, J.A.	413
FRALICK, R.A.	3167	GHOSH, K.K.	3381	GOROBETS, L.V.	1058, 1710
FRAM, M.J.	723	GHOSH, S.R.	1184, 1291, 2145	GOSLING, E.M.	544
FRANCOIS, J.	1188	GIACHELLI, J.W.	3236	GOSSARD, T.W.	3383
FRASER, J.	3504	GIACOMELLI, L.	1948	GOTTARDI, G.	1087
FRASER, J C.	1359	GIAMALVA, M.	1597	GOTTSCALK, J.S.	3007
FREDERIX-WOLTERS, E.M.H.	897	GIBBS, E.J.	1969	GOULD, R.A.	2852
FREEZE, M.	3292	GIBSON, M.D.	228, 3442	GOVERT, J.C.	1627
FREUND, J.N.	3396	GIBSON, R.J.	1798	GOVIND, C.K.	440
FRIDGEN, P.	2324	GIBSON, R.T.	104, 2463, 3356	GRABNER, M.	1484
FRIEDRICH, F.	601	GIDDINGS, G.G.	1856	GRAHAM, MICHAEL.	913
FRIEDRICH, W.	1398, 1419	GIFFORD, C.E.	1287	GRAJZER, D.	2774
FRISONI, G.F.	1865	GIFFORD, G.E.	962	GRANADOS, R.R.	205
FRITCH, J.D.	2071	GILL, R.L.	3124, 3127, 3130, 3131, 3215	GRANNEMANN, K.L.	2460
FRITZSCHE, R.A.	639	GILLEN, A.L.	1474	GRANT, J.	1990
FRYE, G.A.	1809	GILLIES, D. G.	1533	GRANT, W.	3364
FRYER, J.L.	264, 918	GILMORE, G.H.	1284	GRANT, W.E.	1765, 2326
FUJIMORI, A.K.	3151	GILMORE, W.K.	403	GRATZKE, JOHN B.	2078
FUJIMURA, T.	1263, 3405, 3462, 3502	GINDELBERGER, B.	1757	GRAU, E.G.	420
FUKUHARA, O.	1554	GIORDANI, GIULIA.	2911	GRAUBY, A.	1220
FULLENBAUM, R.F.	3539	GIORGETTI, G.	856, 868, 894, 1083, 1486		
FULLER, S.C.	1861	GIOVANARDI, O.	1911		
FUNG, A.C.Y.	1132				
FUNK, JOHN L.	2823				
FURNESS, G.N.	2339				
FURUKAWA, A.	342, 3412				
FUSTISH, C.A.	2237				

GRAVES, J.B.	1307	HADLEY, RAYMOND S.	2348	HARRISON, N.	2781
GRAY, D.L.	228, 492,	HADLEY, R.S.	1177	HART, C.E.	2237
	2014, 2602, 2959, 3442, 3540	HAINES, H.	932	HART, K.	1770
GRAY, S.L.	1831	HAINES, K.C.	496	HARTFIEL, W.	1418, 1421
GREELAND, A.	2608	HAINES, T.A.	372	HARVEY, BRIAN J.	711
GREEN, A.W.	2780	HALAIN, C.P.	290	HARVEY, D.	2922
GREEN, D. J.	1533	HALASUN, P.T.	2320	HASEGAWA, H.	2917
GREEN, J.P.	1232	HALBROOK, W.A.	3497	HASEGAWA, S.	1027
GREEN, L.C.	2231	HALDER, D.D.	623, 722	HASEGAWA, Y.	2646
GREEN, L.M.	2429	HALE, J.G.	2992	HASHAGEN, K A JR.	2869
GREEN, L.M., III.	2427	HALES, D.C.	1758	HASHIMOTO, Y.	1685
GREEN, O.L.	532, 782,	HALEVY, A.	807, 1509,	HASKINS, C.J.	551
	1249, 1334		2332	HASLER, A.D.	2062
GREEN, V E JR.	2802	HALEY, L.E.	707, 743	HASS, G.	3547
GREEN D. J.	661	HALL, E.N.	3386	HASSANEN, G.D.I.	1382
GREENE, G.F., JR.	230, 3362	HALL, J.C.	3127	HASSARD, S.	1505
GREENE, G.N.	2892	HALL, J.D.	582	HASSENMILLER, K.	3250
GREENFIELD, J.E.	3529, 3531,	HALL, L.W. JR.	1051	HASTEIN, T.	909, 960,
	3549, 3550	HALLER, R.D.	595		3213
GREENLAND, D.C.	3122, 3124,	HALLER, W.T.	895	HASTINGS, W.H.	1685, 3456
	3127, 3130, 3131, 3215	HALLGREN, B.	3177	HATTON, JOHN P.	2368
GREENLAND, J.	39	HALVER, J.E.	1685	HAUSER, J.	1618
GREENWOOD, P.H.	2377	HALVER, JOHN EMIL.	1575	HAUTVAST, J G A JR.	2957
GREER, J.	3089	HALVERSON, C.J.	1142, 1193	HAVEN, D.S.	3387
GREUEL, E.	846, 857,	HAMAMI, E.	2618, 2716	HAVEY, K.A.	2216
	1418, 1421	HAMBREY, J.	3283	HAVLIKOVA, J.	1441
GRIB, VIKTOR		HAMEED ALI, K.	664	HAWKINS, A. D.	1826, 3087
KONSTANTINOVICH.	2845	HAMID, S.N.	729, 2535	HAYES, E.	2260
GRIFFIN, W.	3364	HAMILTON, S.	372	HAYES, K.R.	557
GRIFFIN, WADE.	3243	HAMILTON, S.B.	797	HAYWARD, R.S.	402
GRIFFIN, W.L.	1765, 1987,	HAMLISCH, R.	3419	HEAD, W.	2296, 2297,
	2326, 3289	HAMMACK, G.	319		2298, 2299, 2300
GRIZZELL, R.A., JR.	2694, 3494,	HAMPSON, A.A.	242	HEARD, W.R.	1977, 2493,
	3522	HAMZA, A.	2788		2648
GRIZZELL, ROY A.	2695, 3044	HANCOCK, K.	3241	HEARN, M.C.	666, 1643
GROBEY, J.H.	1114	HANCOCK, R.	1898	HECKMAN, JAMES ROBERT.	
GROCH, L.	1441	HAND, C.	2490		823
GROENEWEG, J.	1075, 1076	HANDCOCK, A.J.	1630, 2516,	HEDGEcock, D.	750
GROH, J.E.	2778		2531	HEDLUND, E.	2288
GRONINGER, HERMAN S.		HANISAK, M.D.	1106, 2269,	HEFFERNAN, B.E.	3465
	1713		3084	HEGGBERGET, T.G.	3103
GRONINGER, H.S. JR.	1708	HANKS, R.W.	3041	HEIDINGER, R.	2943
GROOT, C.	1836	HANNESSON, ROGNVALDUR.		HEIDINGER, R.C.	2449
GROTH, P.G.	3257		3373	HEINDL, F.	1929
GROVE, S.M.	1843	HANSELL, D.A.	2238	HEINEN, J.M.	1736
GROVER, J.H.	63, 91, 497,	HANSEN, D.J.	1677	HEINEY, C.L.	2081, 2606
	500, 2873	HANSEN, F.	1446, 1774	HEITMANN, N.	680
GRUDNIEWSKI, C.	640	HANSEN, I.W.	1168	HELFRICH, L.A.	366, 435
GRUEN, C.	3349	HANSON, A.	2314	HELFRICH, P.H.	3483
GRUMBERG N, J.	1561	HANSON, ARTHUR JOHN.		HELLE, J.H.	759
GRUNEBERG, G.	2099		1727	HELTON, R.F., JR.	3160
GUARD, H.E.	1179	HANSON, D.F.	1148	HENDERSON-ARZAPALO, A.	
GUELORGET, O.	1947	HANSON, J.A.	231, 2540,		2056
GUERRA, C.R.	1187, 2506,		3469	HENDERSON, F.R.	1909
	2556, 2562	HANSON, J.N.	809	HENDERSON, J P.	1295
GUERRA PADRON, F.	1925	HANSON, JOE A.	2539	HENDERSON, S.	1186, 1208,
GUERRERO.	754	HANSON, JOE L.	2687		2349, 3292
GUERRERO, C. V.	2378, 3363	HANZEL, D.A.	1393	HENDERSON, UPTON B.	1253
GUERRERO, L.A.	2587	HAO-REN, L.	1793	HENDRICKSON, S.A.	102
GUERRERO, R.D., III.	2159	HAORAN, L.	609	HENRY, H.P.	322
GUERRERO, R.D. III.	2587, 3232	HARACHE, Y.	1960	HENRY, R.	2484
GUERRERO M, R.	2749	HARBELL, S.C.	1993	HEPHER, B.	168, 1267,
GUEST, W.C.	2752	HARDY, F.J.	1389		1509, 1674, 1685, 2277, 2835
GUIDICE, J.	1831	HARDY, R.	3137	HEPHER, BALFOUR.	1840
GUIDICE, JOHN J.	1022	HARDY, R.W.	1465	HERALD, E.J.	1700
GULLANS, S.R.	641	HARGIS, W.J., JR.	3387	HERFRICH, L.A.	1553
GUNDERMANN, N.	1290, 3579	HARKANTRA, S.N.	2467	HERMIZ, L.	1005
GUNN, R.	3266	HARLIN, M.M.	1615	HERRICK, S.F.	3503
GUNNES, K.	576	HARPER, D.M.	1392	HERRICK, S.F. JR.	3445
GUNTER, G.	2440	HARPER, J.L.	838, 2913	HERRING, J.	2305
GUPTA, S.D.	610	HARPER, W.	1966	HERSHBERGER, W.K.	543, 731,
GUTHRIE, C.A.	721	HARR, R.D.	1035		2743
GWYTHER, D.	2031	HARRIS, A.H.	2805	HESBY, J.H.	1240
GWYTHER, J.	607	HARRIS, C.C. JR.	3390	HESS, C.T.	498, 1233
HAAS, M.A.	3239	HARRIS, F.A.	2260	HESS, W.J.	1937
HABERKORN, J P.	241	HARRIS, J.	1062	HESTHAGEN, T.	3103
HACKNEY, COURTNEY.	3092	HARRISON, C.	3415	HEWITT, J.	401
HADAS, O.	1410	HARRISON, H.H.	2851	HICKLING, C.F.	2998



HICKLING, D.R.	1385	HOWELL, B.R.	820, 1997	IL'INA, L.K.	1111, 2102
HICKS, N.	3572	HRINZHEVS'KYI, M.V.	2119, 2320	ILIUKHIN, ANATOLII	
HIDU, H.	316, 1270, 1330, 1932, 1988, 3041, 3460	HSU, C.	678	IVANOVICH.	3069
HIGGINBOTHAM, B.J.	466	HUANG, C.Y.	3015	ILLE, A.M.	3182
HIGGS, D.A.	355	HUANG, E.C.	678	ILYASOV, Y.I.	974
HILEMAN, L.H.	1312	HUANG, H.L.	651	IMAI, T.	311, 2394, 2395
HILGE, V.	376	HUANG, L.C.	1832	IMAI, TAKEO.	2373
HILGERS, RICHARD.	2684	HUANG, P.C.	2060	INEZE, L.S.	2396
HILL, B.J.	907	HUANG, T.	3053	INGLE, R.M.	3554
HILL, P.G.	245	HUANG, W.Y.	467, 1263	INGR, I.	1500
HILL, T.K.	3514	HUANG, Y.W.	1339	INOUE, M.	3597
HILLMAN, W.S.	3158	HUAT, K.K.	2117	INOUE, M.	2628
HIN, T.W.	3000	HUBERT, W.A.	2460	INOUE, T.T.	992, 2257
HIND, W.M.	135	HUDSON, E.B.	880	IRULANDI, M.	1779
HINES, NEAL O.	3586	HUDSON, H.	3491	ISAKOVA, Y.F.	419
HINSHAW, R.N.	1354	HUDSON, J.H.	3041	ISAKSSON, A.	2194, 2619, 3113, 3114
HINTON, M.G.	924	HUDSON, R.A.	1079	ISAYEVA, S. A.	1269
HINTON, M.J.	1039	HUDSON, S.	76, 1227, 2444, 2806	ISHAK, M.M.	1382, 1764, 2273, 2788
HIRANO, T.	1027	HUE, J.S.	2030	ISHANKHODZHAEV, B.M.	1512, 1513
HIRASAWA, Y.	3421	HUET, MARCEL.	3042	ISHIDA, T.	3090, 3096
HIRASAWA, YUTAKA.	177	HUGGINS, THOMAS G.	3055	ISMAIL, A.B.	2112
HIRATA, H.	1631	HUGHES-GAMES, A.	109	ISMAIL, M.H.	434
HIRAYAMA, K.	522	HUGHES-GAMES, W.L.	2504	ISMAIL, WARDANA.	2932
HIROSE, K.	400	HUGHES, D.G.	2559	ISVILANONDA, S.	3309
HIRST, E.A.	1349	HUGHES, J.S.	2479, 2990	IVANOV, A. A.	1283
HITRON, J.W.	2743	HUGHES, J.T.	794, 2018, 2840	IVANOV, A. N.	1283
HJUL, P.	1431, 1890, 2059, 2691	HUGUENIN, J.E.	260, 1274, 1287, 1310, 1351, 1356, 1861, 1991, 2549, 2717, 2787, 2813, 2939, 3425, 3450	IVANOVA, E. F.	1678
HOA, T.D.L.	813	HUGUENIN, J.E.'. .	3285	IVANOVA, Z.A.	515
HOAGMAN, W.J.	802	HUH, H.T.	2651	IVERSEN, EDWIN S.	211
HOAR, WILLIAM S.	711	HUISING, E.A.	1895	IVERSEN, E.S.	1014, 2799
HOBBS, G.	982	HUISMAN, E. A.	206, 1435, 1896	IVERSEN, R.T.B.	3187
HOCKMAN, L.	487	HULATA, G.	552, 616, 749, 1637	IVERSON, RONALD ALBERT.	1352
HOCON, R.	2167	HULATAG, G.	773	IVEY, J.M.	1059
HODGES, C.N.	2778	HULTIN, H.O.	3136	IWAMOTO, R.N.	543
HOFFMAN, C.L.	863	HUMPHRIES, E.T.	801, 1732	IWAOKA, W.T.	1465
HOFFMAN, G.L.	939, 977	HUNER, J.	993, 1806	IWASAKI, T.	898
HOFMANN, JOSEF.	779	HUNER, J.V.	491, 720, 1245, 1331, 2040, 2311, 2353, 2381, 2382, 2625, 2649, 2650, 2667, 2828, 3161, 3165, 3403	IWASAKI, Y.	3597
HOGENDOORN, H.	685	HUNT, W.R.	762	IWASHITA, M.	550
HOKANSON, E.F.	486	HUNTE, W.	656	IWATA, M.	1027
HOLCOMB, D.E.	1268	HUNTER, G.A.	584	JACINTO, G.S.	883
HOLCOMB, H.W., JR.	981, 1012, 1361, 1987, 2857	HURK, R. VAN DEN.	359	JACKSON, A.J.	1390
HOLCOMB, H.W. JR.	3126	HUSS, H. H.	991, 997, 998, 3194	JACKSON, C.B.	2335
HOLDEN, C.	146	HUSSAIN, N.	608	JACKSON, G.A.	2132
HOLEMO, F.J.	3491	HUTCHING, D.L.	1987	JACKSON, U.T.	686
HOLLAND, D.H.	784	HUTCHINS, D.	444	JACOBS, S. A.	1247, 1300, 1315
HOLLAND, D.L.	1403, 1468	HUTCHINS, D.L.	2246	JACOBSON, P.	670
HOLLERMAN, W.D.	1118	HUTCHINSON, R.T.	1958	JACOBY, G.C.	1125
HOLLIDAY, J.E.	1780	HUTCHISON, J.M.	468	JACQUES, J.M.	2149
HOLLIMAN, M.C.	115	HYDE, K.M.	1307	JAFRI, A.K.	1636
HOLLOWAY, T.	2530	HYSMITH, B.	758	JAGOE, C.J.	3245
HOLM-HANSEN, T.	1131	HYSMITH, B.T.	1280	JAHN, L.R.	148
HOLMES, R.W.	1346	IAKOVCHUK, T.A.	3575	JAKUBOWSKI, R.	1858
HOLT, J.	570	IANKAVICHUTE, G IU.	1752	JAMBERS JR, T HAROLD.	3219
HOLT, R.S.	2478	IARUSHINA, M I.	1329	JAMET, JEAN.	2797
HONDA, K.	1762	IASHUK, V.D.	916	JANA, B.B.	1092
HONG, S.Y.	2030	IBE, M.	1399	JANA, R.K.	610
HONN, K. V.	2616, 2735	IDRUS, A.Z.	3134	JANAKIRAM, K.	2145, 3123
HOOD, D.W.	274, 767	IDYLL, C.P.	284, 285, 1986, 3166, 3545	JANESIRISAK, S.	2113, 2319
HOOPER, G.R.	2262	IFERGAN, C.	2754	JANGKARA, Z.	2089
HOPELY, C.N.	2743	IFTEKHAR, M.	2104	JANGKARU, Z.	2360
HOPKINS, C.L.	587, 1951	IGNAT'YEV, V.A.	530	JANSEN, H.D.	1398
HOPKINS, K.	3094	IIDA, K.	1815	JANUSZKO, M.	1243
HOPKINS, K.D.	730	IKEDA, K.	1409	JARMAN, N.E.	2012
HORN, PETER.	2570	IKOTUN, S.J.	2255	JARMAN, R.	838, 1244, 2913
HORNBERGER, MARLIN L.	2581	IL'IN, MIKHAIL NIKOLAEVICH.	3063	JARVIS, B.M.	1443
HORSFIELD, B.	304			JASPERS, E.J.	2993
HORTON, D.B.	320			JAYAMAHA, D.E.S.	2264
HORVATH, E.	3211			JAYARAM, M.G.	1461, 1532, 1539, 1558
HORVATH, L.	433, 620, 669			JAZWIN, M.E.	412
HOSOKAWA, H.	1631				
HOUDE, E.D.	531				
HOUGH, S.	163				
HOWARD, H.C.	2987				

JEAN, R.	513	KAHAR, R.	2384	KHARITONOVA, N.N.	1016, 1058,
JEFFERTS, K.B.	591	KALAMASZ, D.F.	1714		1269
JENA, S.	2145, 3118,	KALFF, J.	1174	KHOMENKOV, A.S.	1100
	3123	KALIA, H.R.	1875	KIGHT, T.G.	1838
JENKINS, J.H.	1251	KALIEV, S.G.	1535	KILAMBI, R.V.	383
JENSEN, A.L.	1928	KAMARA, A.B.	1797	KILDOW, J.	2813
JENSEN, G.L.	386, 730	KAMILOV, GANI KAMILOVICH.		KILGEN, R. H.	473, 1676,
JENSEN, J.W.	1142, 3141		2853		1698, 2805
JENSEN, K. .	2566, 2567,	KAMLYUK, L.V.	1602	KILLCREAS, W.E.	1789, 1917
	2568	KANAEV, A.I.	2315, 2620,	KIM, I.B.	839
JENSEN, K.W.	2333		2633	KIM, J.D.	3106
JENSEN, W.P.	3269	KANAUJIA, A.R.	2227	KIM, Y.	1133, 1134
JENSON, R.	3593	KANE, T.	333	KING, D.L.	1182
JEPPSON, P.	1889	KANETA, F.	133	KING, F.J.	178
JEREMIC, S.	859	KANG, H.W.	3106	KING, L.L.	3584
JERNELOV, A.	2223	KANG, P.A.	1133, 1134	KINGHORN, B.P.	1769
JESTER, D.B.	426	KAO, C.H.	678	KINNE, O.	1241, 1242,
JEWELL, W.J.	1105	KAPLAN, G.	877		1250, 1259, 1373
JEWSON, D.H.	403	KAPUR, K.	869	KINNEAR, H.M.	816
JEYABASKARAN, Y.	1779	KARAMCHANDANI, S.J.	2146	KINNEY, EDWARD C.	1950
JHINGRAN, A.G.	3381	KARLSSON, A.S.	2500	KINOSHITA, R.K.	3539
JHINGRAN, V.G.	243, 256,	KARMINSKA, S.	3224	KIRBY-SMITH, W.W.	1577, 1712
	706, 1302, 1772, 2116, 2675, 3016,	KARNICKI, Z.S.	3256	KIRBY, G.E.	983
	3028, 3468, 3489, 3541	KARTHA, K.N.K..	152	KIRK, R.G.	2926
JIRASEK, J.	1437, 1500	KARZINKIN, G.S.	844	KIRKMAN, H.	2411
JIRASEX, J.	487	KASHIWAGI, M.	535	KIRPICHNIKOV, VALENTIN	
JOBLING, M.	1417	KATANIC, D.	3192	SERGEEVICH.	577, 698
JOHANNSSON, B.	1890	KATAYAMA, T.	1433, 1497,	KIRPICHNIKOV, V.S.	828, 974
JOHANNSSON, I.	1890		2510	KISHIDA, T.	1554
JOHANSEN, P.L.	2325	KATHAL, K.M.	1447	KISHIMOTO, T.	890
JOHANSSON, N.	1879	KATHIRVEL, M.	3365	KITTELSEN, A.	2180
JOHNS, M.A.	1987	KATO, J.	1375	KIYABU, D.F.	2376
JOHNSON, E.Z.	1453	KATZ, A.	3183	KIZ'MIN, A.N.	841
JOHNSON, G.D.	639	KATZ, B.F.	1286	KLEMM, R.	3265
JOHNSON, J.H.	1453	KAUFFMAN, J.	1776	KLIMA, E.F.	157
JOHNSON, P.	3458	KAUR, K.	455, 1138	KLINGBIEL, J.	239
JOHNSON, P.W.	1258, 2763	KAUSHIK, S.J.	1444, 1490	KLOKE, CORT W.	2686
JOHNSON, R.	87, 88	KAWAI, A.	1234, 1366	KLONTZ, G.W.	1009, 1028,
JOHNSON, R.L.	1275	KAWASAKI, L.Y.	1025		1146, 1961
JOHNSON, R.N.	3252	KAWASHIMA, R.	3097	KLOPFENSTEIN, D.	1866, 1901,
JOHNSON, R.S.	3164	KAWATSU, H.	2822		2553
JOHNSON, S.K.	950, 981,	KAWAUCHI, S.	3255	KLOPFENSTEIN, I.	1866, 1901,
	994, 995, 1277	KAYES, T.	742		2553
JOHNSON, T.L.	2487	KAYSER, H.	1370	KLUSSMAN, W.G.	1012
JOHNSTON, C.E.	411, 439	KAZAKHBAEV, S.K.	1550	KLUSSMANN, W.	2795
JOHNSTON, I.A.	368	KAZAKOV, R.V.	410	KLUSSMANN, W.G.	1361
JOHNSTON, W.E.	3339, 3475,	KAZLAUSKENE, O.P.	1649	KNEALE, D.C.	1226
	3480	KEARNS, P.K.	1037	KNETSCH, J.L.	1964
JOHNSTON, W. F.	2658	KEIFFER, E.	556, 1122,	KNIGHT, A.R.	156
JOLLY, C.M.	2657		2154, 2719	KNIGHT, L.H.	2881
JOLLY, W.C.	44	KEITH, W.E.	836	KNUDSEN, E.	632
JOLY, L.G.	3085	KELLEY, E.J.	274	KO, S.C.	678
JONES, A.	2098	KELLNER, K.R.	797	KOBAYASHI, J.	650
JONES, A.C.	2126	KELLOGG, R.L.	1042	KOBURGER, J.A.	3216
JONES, B.	3298	KELLY, E.W.	341	KOERING, A.F.	2742
JONES, C.	2582, 2647	KELSO, B.W.	385	KOERNIG, A.	213
JONES, D.A.	1403, 1468,	KENDALL, P.C.	3387	KOESOEMADINATA, S.	1121
	1703	KENDALL, W.T.	366, 435	KOH, Y.C.	1556
JONES, F.V.	488	KENMUIR, D.	1878	KOHLNENSTEIN, L.C.	409
JONES, J.B.	776, 1655,	KENMUIR, D.H.S.	1086, 1874	KOHLER, C.	1541
	3330	KENNEDY, F.S. JR.	3083	KOHLI, M.P.S.	2198
JONES, M.A.	1996	KENNEDY, H.D.	1018	KOKORINA, Z.G.	1269
JONES, R.M.	1001	KENNEDY, V.S.	641, 1136	KOKUREWICZ, B.	562
JONES, W.R.	2450, 2770	KENSLER, C.B.	3020	KOLAKOWSKA, ANNA.	3205
JOSEPH, D.	1472	KENTOURI, M.	1545	KOLAKOWSKI, E.	3224
JOVANOVIĆ, D.	3530	KEPCIJA, D.	3192	KOLAROWA, W.	888
JOYCE, E.A., JR.	3041	KERANEN, A.L.	872	KOLTYPIN, IU A.	1283, 1678
JOYNER, T.	246, 281,	KERFOOT, W.B.	1247, 1300,	KOLTYPINA, V.V.	1283
	326, 1967, 2974, 3030		1315, 1316, 1356	KONDA REDDY, P.	2029, 2144
JUDD, R.L., JR.	95	KERN, R.B.	1714	KONDUR, L.V.	1516
JUDKINS, P.W.	3595	KERNS, C.L.	124, 1644	KONO, H.	121, 122,
JUDY, R.D. JR.	413	KERZAN, I.	1323		123, 149
JUGNARIAN, B.	3593	KESHAVANATH, P.	567, 2029,	KONURBAEV, A.O.	683
JULIANO, R.O.	497		2144	KOO, T.S.Y.	755
JUNK, WOLFGANG J.	2258	KESHAVAPPA, G.Y.	1491	KOON, J.L.	1332, 2724
JUNUS, M.	2089	KETTANI, M.A.	273	KOOPMAN, B.	1246, 2046
KADRI, E.S.	2183	KEYSER, A.	391	KOOPS, H.	1756, 3204
KAGAWA, H.	541, 542	KHALYAPINA, L.M.	410	KOP, L.R.	2432



KOPPEL, Z.	1350	KUZENSKI, S.	2464, 3172	LAZARUS, S.	2182
KOPYLOVA, T.V.	1602	KUZNETSOV, E.A.	2725	LE-VAN-DANG.	336
KORINEK, V.	1325	KVASNIKOV, E.I.	415	LEARSON, R.J.	2017
KOROVIN, V.A.	530	KWAIN, W.H.	1940	LEARY, D.F.	1690
KORRINGA, P.	236	KYCIA, J.H.	2322	LE BORGNE, Y.	604
KORRINGA, PIETER.	2603	LABHSETWAR, V.K.	1888	LEDGERWOOD, R.D.	2559
KORSACK, TS.O.	2313	LABON, A.	3276	LEE, A.	866
KOSKE, P.	1582, 2345	LACAZE, C.	2584	LEE, C.L.	564
KOSKE, P.H.	1478	LACAZE, C.G.	3021	LEE, C.S.	1730, 3305
KOSSMANN, H.	2223	LACEWELL, RONALD D.	3219	LEE, D.L.	827
KOSYREVA, R.Y.	2954	LACHER, M.	1120, 1589	LEE, JASPER S.	1839
KOTHARY, R.K.	361	LACKEY, ROBERT T.	2086	LEE, J.S.	2946
KOTHBAUER, H.	398	LACKEY, R.T.	249	LEE, S.S.	2030
KOTIK, L.V.	1567	LACKNER, R.	1484	LEFURGEY, A.	1255, 1338
KOTON, A.	2277	LAGASSE, J.P.	456	LE GALL, J.Y.	3564
KOTT, Y.	1410	LAGOIN, Y.	2797	LEGER, C.	1546
KOW, T.A.	3000	LAI, C.F.	1832	LEGGETT, R.L.	218
KOWTAL, G.V.	610	LAIR, JEAN CLAUDE.	2824	LEGOFF, R.S.	2267
KOZHIN, N.I.	844	LAKS, R.	1882, 1883	LEHMAN, L.	1691
KOZHOKARU, E V.	2893	LAKSHMI, G.J.	1617	LEI, C.H.	1527
KOZLOV, V. I.	654	LAM, T.J.	536, 676,	LEIBOVITZ, L.	862
KOZLOWSKA, H.	1413, 1479		1773, 3590	LEIGHTON, D.L.	2307, 3581
KOZMA, LAJOS.	2707	LAMBERT, S.S.	3301, 3342	LEITH, D.A.	456
KRANTZ, G.E.	2589, 2799,	LAMOUR, F.	432	LEITRITZ, EARL.	2679
	3329	LAMPE, H.C.	3472	LELLAK, J.	1073
KRASNICKI, K.	1479	LANDER, R.H.	529	LEMERCIER, P.	2321
KRASNOSHCHEK, G.P.	1015	LANDERS, W.S.	2978	LENARCIC, M.	1323
KRASZNAI, ZOLTAN.	636	LANDIS, R.C.	2984	LENT, R.	1774
KRAUS, H.	1766	LANDLESS, P.J.	2457, 2594	LENZ, J.	1478, 1582,
KRAZHAN, S. A.	1269	LANDRY, E.F.	471		2345
KRIKSUNOV, E.A.	594	LANDSVERK, T.	871	LEONARD, D.	1946
KRISHNA KUMARI, L.	1489, 1825	LANDY, B.A.	235	LEONARD, J. S.	2712
KRISHNAMOORTHY, K P.		LANE, S.	3484	LEONG, J.C.	866
	1289	LANG, F.	440	LERNER, A.	3397
KRISHNA RAO, D.S.	1491	LANG, H.S.	3041	LE ROUX, A.	1725
KRISHT, D.	616	LANGHOLZ, H.J.	3195	LESACA, R.M.	257
KRONE, W.	3453	LANKESTER, M.W.	901	LESEL, R.	2754
KROSNEY, M.S.	1976	LANNAN, J.E.	626, 627,	LESSENT, P.	2073
KRUGER, E. J.	2718		628, 629, 778	LESTER, L.J.	701
KRUPAUER, V.	321	LANTZ, K.E.	989	LETKO, E.	2000
KRUZIC, A.P.	1190	LAPI, L.A.	1972	LEVENTIS, M.	1897
KRYUCHKOV, V.I.	369	LAPIN, R M.	3216	LEVINE, G.	967
KRZYNOWEK, J.	2017	LAPLANTE, M.G.	3060	LEVINE, J.S.	506
KRZYWOSZ, T.	1451	LAPOINTE, B.E.	1287, 2383,	LEVINGS, C.D.	1494
KUAN, W.Y.	695		2595, 2631, 3117	LEWINSOHN, C.	2527
KUBICEK, P.F.	1157	LARGE, R V.	2610	LEWIS, D H.	986
KUBISTA, I.	3323	LARK, J.G.I.	1397	LEWIS, G.W.	1040, 1044,
KUCHARSKY, P.	1350	LARKIN, P.A.	5		1908
KUDRIASHOVA, IU V.	2592	LARKINS, H.A.	2130	LEWIS, J.F.	1912, 3271
KUDRIAVTSEV, VALERII		LARMOYEUX, J.D.	2850	LEWIS, M. R.	2178
IVANOVICH.	3107	LARSEN, J.L.	874	LEWIS, P.A.	1753
KUHLMANN, D.	1478, 1582,	LARSON, DOUGLAS M.	3377	LEWIS, R.H.	3554
	2345	LARSON, G.L.	51	LEWIS, W.M.	1777, 2282,
KUHLMANN, H.	3204	LARSSON, BENGT.	1585		2449, 2607, 2943
KUHN, D.	2136	LARSSON, P.O.	2209	LI, H.W.	3560
KUHRIG, H.	2090	LASATER, E.M.	356	LI, Y.	100, 2109
KULIEV, Z.M.	429	LASKER, R.	1734	LI, Y.P.	34
KULIKOVA, N.I.	648	LASSERRE, G.	1947	LIAMKIN, D.N.	984
KULJIS, A.M.	2267	LATAPIE, W.R. JR.	2919	LIANG, JIUM-KUO.	1737
KUMAR, K.	706	LAU, W.M.	1067, 1420	LIANG, J.K.	1738, 3015
KUMARADAS, P.S.	3338	LAUDENCIA, I.L.	2156	LIAO, I.-C.	100, 162,
KUMARI, L.K.	1432	LAURENCE, S.	476		725, 2386
KUMARI, S.D.R.	1569	LAUTERIO, T.	1217, 1399	LIAO, I.C.	789, 827,
KUNG, M.S.	2060	LAUZON, S.	1916		1730
KUNZE, KURT.	1788, 2750,	LAVINA, E.	1501, 1632	LIAO, P.B.	822, 2762,
	3071	LAVROVSKAIA, NINA			2929, 3031
KUO, C.M.	560	FEDOROVNA.	2270	LIBOSVARSKY, J.	1925
KURATA, H.	442, 662,	LAVROVSKII, V V.	2592	LIBRERO, A.R.	207, 225,
	2656	LAW, A.T.	1439		775, 975, 2571, 2572, 2573, 2574,
KURIAN, C. V.	1796	LAW, F.C.P.	1082		2575, 2576, 2669, 2670, 2671, 2672,
KURONUMA, K.	2023	LAWAS, J.M.	3463		3115, 3116, 3413, 3430, 3431, 3432,
KURUP, N.S.	3278	LAWLER, G.H.	2827		3433, 3434, 3435, 3436, 3437, 3438,
KUSHNIKOVA, S. N.	3162	LAWRENCE, A.L.	444, 2246		3439, 3440, 3441
KUTHALINGAM, M.D.K.	2182	LAWRENCE, J. M.	1204	LICHATOWICH, T.	724, 757
KUTTY, M.N.	42	LAWRIE, A.H.	1940	LICHTKOPPLER, F.	1192
KUWABARA, J.	461	LAWS, E.A.	1819	LICHTKOPPLER, F.L.	91
KUWABARA, J S.	2598	LAWSON, T.B.	1160	LIEBERMAN, S.	461
KUZ'MIN, ALEKSANDR		LAXMINARAYANA, A.	702	LIEWES, E.W.	3375
IAKOVLEVICH.	2643				

LIGHTFOOT, R.	1934	LUQUET, P.	1444, 1473, 1490	MANNING, M.J.	397
LIGHTNER, D.	2485	LUSK, S.	1855	MANOTE-HONGPROMYART.	3022
LIIAUCO, M.M.	2157	LUSTUN, L.	1480	MANSFIELD, B.C.	660
LILL, A.F.	1938	LUSTUN, L. TIU.	781	MANUS, A.T.	41
LIM, K.B.	2030	LUTHER, G.	2182	MANZI, J.J.	915
LIM, M.Y.	827	LUTZ, R.A.	2396	MARAMBA, F.D.	2135
LIN, K.H.	678	LUTZ, RICHARD A.	2137, 2482	MARCH, B.E.	1385
LIN, S.-F.	1149	LUZHIN, B.P.	494	MARDJONO, M.	729, 2535
LIN, Y.S.	428, 1748, 3133	LYAKHNOVICH, V.P.	1602	MAREK, M.	1688
LINDBERG, J.	53	LYMAN, F.C.	86	MARGRAF, F.J.	489
LINDBERGH, J.M.	2968	LYNCH, T.	23, 31, 32, 33, 36, 57, 58, 61, 712, 1810, 1899, 1994, 1995, 2100, 2228, 3249, 3273, 3280, 3286, 3295	MARIAN, M.P.	1387
LINDEBERG, KARL H.	3482	LYNNE, G.D.	3254	MARK, K.-K.	1093
LINDER, D.R.	2698	LYONS, W.G.	3083	MARKERT, J.R.	1647
LING, S.W.	263, 344, 2660	LYSACK, W.	2248	MARKIW, M.E.	902
LING, Y.S.	3000	MAC, M.J.	538	MARLOT, S.	669
LINTON, T.L.	3047	MACCRIMMON, H.R.	251	MARRIAGE, L D.	3552
LIPATOV, D.	2924	MACDONALD, R.E.	1780	MARRISSY, N. M.	2170
LIPOVSKY, SANDY J.	1635	MACFARLANE, I.S.	973	MARSHALL, N.	3472
LIPSCHULTZ, F.	3329	MACGRATH, W S JR.	1668	MARTEKHOV, P.F.	3073
LIRA, E R.	3448	MACHADO, CIRILO E DE MAFRA.	2810	MARTIN, C.V.	2257
LISAC, H.	3288	MACK, JERRY.	2945	MARTIN, J.	1397, 2223, 2776
LISCOM, K.L.	529	MACKAY, K.T.	1056, 1979	MARTIN, J.B.	2885
LISS, W.J.	1089	MACKELDEY, MARGRET.	1739	MARTIN, J.M.	228, 2904, 2959, 3442
LITTLE, E C S.	3065	MACKENZIE, C. L, JR.	2489	MARTIN, M.	634, 851, 1195, 1831, 2107, 2155, 2318, 2371, 2404
LITTLE, E.J.	1252	MACLEAN, J.L.	3294	MARTIN, R.	2798
LITTLE, E.J. JR.	2225	MADAMBA, J.C.	2079, 2101, 2316, 2365	MARTIN, R.G.	2970
LIU, Y.	704	MADDEN, W.	2375	MARTIN, R.M.	1977
LIUBIMOVA, T S.	1329	MADDEN, W.D.	2522	MARTIN, R.W.	2493
LIUZZO, JOSEPH A.	3225	MADDOX, J.J.	2459	MARTIN, S.B.	1071
LLEWELLYN, G.G.	1706	MADELEY, J.	1869	MARTIN, S.G.	3504
LLOYD, R.	1063	MADEWELL, CARL E.	3066	MARTINEZ, M.	52
LO, M.C.	827	MADEWELL, C.E.	2459, 2460, 2885, 2963, 3516, 3518	MARTINEZ, M R.	1638
LOCK, JOE TAYLOR.	1364	MAEGEL, L.C.A.	71	MARTINS, E.S.	555
LOGSDON, G.	931	MAESENEER, J. DE.	2218	MARTOSUDARMO, B.	953, 2208, 2535
LOGSDON, GENE.	145	MAGUIRE, G.B.	389, 1849, 3206	MARTYSHEV, FEODOSII GEORGIEVICH.	687, 3048
LOHMAN, L. C.	1169	MAHAKEN, C.	2743	MARTYSHEV, F G.	2592
LOMAX, K.M.	1160, 1218	MAHLER, L.	2485	MARUYAMA, T.	2366
LONE, K.P.	425, 1383, 1508	MAHLER, L.E.	2778	MARZZOTTI, L.	2076
LONELL, T.	1633	MAHNKEN, C.	553	MASLOVA, N I.	2592
LONG, C.W.	2070	MAHNKEN, C.V.M.	3030, 3508	MASON, J.C.	2771
LONGWELL, A.C.	699, 808	MAI-DINH-YEN.	2969	MASON, J.F.	2139
LOOKER, D.	2329	MAKARENKO, V.V.	1535	MASON, R. S.	1147
LOOSANOFF, V.L.	2952	MAKINOCHI, S.	2039	MASON, W.T. JR.	1753
LOPATINA, V. A.	3162	MAKOFKSKE, W.	2533	MASSUTI, MIGUEL.	2856
LOPEZ, J.V.	2428	MAKSIMOV, V.A.	378	MATE, F.D.	724
LOPEZ GARCIA, A.	472	MALCA, R.P.	1493	MATHEWS, S.B.	436, 2597
LOPICCOLO, G.	993	MALECHA, S.	619	MATHEWSON, J.H.	1008
LORETI, A.	1355	MALECHA, S.R.	682, 1819, 1941, 2388	MATHIAS, J.A.	1397
LORIO, W.J.	1251	MALIGALIG, L L.	3220	MATHIESON, A.	617
LOSORDO, T.M.	495, 1237	MALYKHINA, T.IU.	1562	MATHIESON, A.C.	2745
LOTSPEICH, F.B.	1922	MAMMEN, T.A.	3287	MATHIS, KARY.	3108, 3344, 3345, 3346, 3367
LOUREIRO C. G. C.	196	MANCI, W.E.	1055	MATHIS, W.P.	2959
LOVEGROVE, T.	911	MANCINI, LANFRANCO.	1199	MATHISEN, O.A.	1814
LOVELL, K. T.	1517	MANDELLI, E.F.	2700	MATLOCK, G.C.	2325
LOVELL, R.T.	1010, 1518, 1572, 1639, 1686, 1690, 1693, 1711, 1738, 2291, 3141, 3209, 3210	MANE, A M.	2751	MATSON, G.B.	362
LOVELL, T.	912, 1415, 1416, 1422, 1448, 1462, 1469, 1498, 1568, 1573, 1578, 1604, 1640, 1642, 3196, 3202	MANGER, K.	1217	MATSUDA, T.	442, 662
LOVSHIN, LEONARD LOUIS.	517	MANGHAN, W.D.	1194	MATSUDA, Y.	98, 147
LOWELL, F.	1760	MANICKARAJA, M.	2065	MATSUI, ISAO.	2367
LOYACANO, H.A.	1308	MANIK, R.	2384	MATSUSHIMA, K.	3097
LOYACANO, H. A., JR.	1620	MANISSERY, J K.	959	MATTHIESSEN, G.C.	670, 837, 840, 3519, 3543, 3571
LU, J.D.	2435	MANIWA, Y.	2465	MATTIL, K F.	3175
LUCAS, A.	766, 1982	MANLEY, S.	461	MATTOX, BRUCE W.	798
LUCAS, C.C.	2271	MANN, R.	395, 471, 475, 478, 479, 480, 484, 495, 499, 1185, 1224, 2475, 2476, 3565, 3566, 3568	MATTY, A.J.	425, 1383, 1390, 1427, 1508, 1538
LUDKE, J.L.	372	MANN, R.H.K.	2143	MAW, R.	1971
LUDWIG, D.	568, 592	MANNES, J.C.	426	MAWDESLEY-THOMAS, L E.	3049
LUEBKE, R.W.	519, 2698			MAXFIELD, G.H.	529
LUKE, N.	3484			MAY, IRVIN M.	118
LUKOWICZ, M. VON.	1477				
LUMARE, F.	622				



MAY, R.C.	757	MEEKHOF, R. L.	2558	MINTARDJO, K.	1600, 2385,
MAY, R.M.	3313	MEHRLE, P.M.	372		2438, 2536
MAYER, F.L.	372	MEINKE, W. W.	3175	MIRES, D.	772, 803,
MAYHEW, J.	1301	MEISCH, M.V.	2515, 2516		804
MAYO, R.D.	783, 822,	MEISNER, ELENA		MISTAKIDIS, M.N.	2414, 2486
	2677, 2773, 2929, 3466, 3498	VALERIANOVNA.	3002	MITCHELL, A.J.	863
MAYSA, D.A.	2885	MELHUIH, M.	1992	MITCHELL, C.P.	2038
MAZEAUD, F.	957	MENDELSSOHN, R.	3098	MITCHELL, J.R.	108, 2727
MAZEAUD, M.M.	957	MENDOLA, D.	1197	MITCHUM, D.L.	881
MAZNIK, ANATOLII		MENDOZA-R., M.	1913	MITSUI, A.	1424
PROFIR'EVICH.	1666	MENEZES, F.	2554	MITZNER, L.	1207
MAZUMDAR, T.C.	1795, 1944	MENEZES, F., JR.	2517	MIURA, A.	2729
MAZZOTTI, L.	575	MENZEL, D.W.	1360	MIYASITA, T.	2283
MCANDREW, B.J.	407	MENZEL, R. G.	1294	MIYAZAWA, K.	1424
MCBAY, L.G.	821, 829,	MENZEL, R.W.	3076	MIZUMOTO, S.	2636
	835	MERCER, J.P.	598	MOAL, ROLAND A.	2797
MCBRIDE, J.R.	355, 421,	MERCER, M.C.	3041	MOAV, R.	168, 552,
	470	MERCER, W.G.	1327		616, 749, 760, 773, 1637, 1784, 1785
MCBRIDE, R.L.	3206	MERITT, D.W.	2518	MOBERLY, H.	3142
MCCAIG, R.S.	1102	MERKOWSKY, A.	717, 2640	MOCHUL'SKAYA, V.F.	1755
MCCAMMON, H.	1681	MERKOWSKY, A.J.	1629, 1630,	MOCK, C.R.	2600, 2632,
MCCARTHY, D.H.	956		1673, 2516, 2531		2852
MCCCLARNEY, B.	3378	MERRICK, J.R.	2231	MOCK, J.B.	2597
MCCLESKEY, R.N.	2832	MERRILL, A.S.	3041	MODDE, T.	2214
MCCORD, C. L., JR.	1620	MERRINER, J.V.	802	MOE, M.A., JR.	3554
MCCOY, E.W.	1161, 1570,	MERVA, G. E.	2558	MOHANTY, A.N.	1547
	2657, 2836, 2875, 3394, 3404, 3461,	MERYMAN, C.D.	2403	MOHSIN, A.K.M.	549
	3517	MESKE, C.	2001	MOISNARD, PIERRE YVES.	
MCCRAREN, J.P.	679, 1001	METCALF, T.G.	1340		3154
MCDANIEL, D.W.	1834	METCALFE, J.L.	642	MOITRA, A.	3016
MCDOWALL, R.M.	1934	METZGER, R.J.	2125	MOKADY, S.	1407, 1445,
MCERLEAN, A.J.	1330	MEYDAN, A.	1248		1449
MCGARRY, M.G.	2937	MEYER, C.P. DE.	2149	MOLLAH, M.F.A.	2222
MCGEACHIN, R.B.	1402	MEYER, F.P.	933, 2882,	MOLLER, D.	2654, 2868
MCGIE, ALAN M.	2250, 2268		2959	MOMMAERTS, J.P.	1095
MCGIE, A.M.	427, 643	MEYERS, R.W.	914	MONAN, G.	553
MCGINTY, P.S.	3197	MEYERS, S.P.	1695, 2555	MONK, B.H.	2070
MCGLEW, P.A.	182	MEYERS, T.R.	867	MONTAGUE, F.B.	216
MCGOODWIN, J.R.	78	MEZAINIS, V.	2491	MONTEITH, C.	962
MCGREGOR, D.	880	MICHA, J.C.	2791, 3594	MONTFRANS, J.	784
MCGRENA, M.J.	2346	MICHEL, J.W.	1349	MONTGOMERY, J.C.	2069
MCGUIGAN, D.	1872, 1970,	MIDDLEBROOKS, E.J.	1091	MONTGOMERY, W.L.	1864
	2002	MIDDLEDITCH, B.S.	444	MONTI, D.	1947
MCGUIRE, A.B.	644	MIGHELL, J.L.	405	MOORE, A.B.	3203
MCHUGH, J.L.	1962	MIH, W.C.	1854	MOORE, D.	2485
MCILHENNY, W.F.	2933	MIHURSKY, J.A.	1330	MOORE, D.D.	247
MCINTYRE, J. D., JOHNSON, A. K.	741	MIKAMI, T.	1927	MOORE, J.J.	3542
	2665	MIKHEEV, PETR VASIL'EVICH.	3002	MOORE, M.	84, 89, 165
MCKAY, G.	399			MOORE, R.	1202, 1217
MCKEOWN, B.A.	855	MIKHEEV, VLADIMIR	3002	MORAINÉ, R.	1248
MCKIM, J.M.	483	PETROVICH.	1269	MORAN, L.P.	14
MCKNIGHT, T. C.	169, 2036,	MIKULINA, N. M.		MORE, W.R.	3032
MCLARNEY, B.	2328	MIL'SHTEIN, VLADIMIR		MOREV, ANATOLII	
	1704	VOL'FOVICH.	2936	NIKOLAEVICH.	2845
MCLARNEY, W.	301	MILANO, G.R.	2225	MORGAN, D.E.	670
MCLARNEY, WILLIAM O.		MILEY, W. W., JR.	727	MORGAN, R.P.	612
	1374, 2569	MILEY, W.W. II.	579	MORI, K.	744
MCLAUGHLIN, T.W.	1065	MILLEMANN, R.E.	1309	MORIARTY, D.J.W.	1645
MCLENNAN, A.G.	677	MILLER, A WENDELL.	2887	MORIN, R.H.	2847
MCNAIR, J.A.	1146	MILLER, B R.	3402	MORING, JOHN R.	2265
MCNALL, W.J.	2832	MILLER, D.	2881	MORING, J.R.	1026, 3245
MCNEIL, F.I.	2290	MILLER, J.S.	1929, 3240,	MORISSENS, P.	786, 787,
MCNEIL, W.	2878		3281		788, 1696, 1697
MCNEIL, WILLIAM J.	3013	MILLER, R.	1708	MORITA, S.K.	951
MCNEIL, W.J.	144, 2812,	MILLER, R.C.	3360	MOROVIC, D.	310
	3428	MILLER, RUTH.	1713	MOROZ, I.Y.	494
MCNEILL, J.C. IV.	1012, 1361	MILLER, W R.	978	MORRISSY, N.M.	2286, 2563
MCSHAN, M.	2774	MILLS, DEREK HENRY.	2979	MORTON, W.	1266
MCVEA, C.	1282	MILLS, L.V. JR.	117	MOSONYI, GEZA.	2707
MCVEY, J.P.	187, 2542,	MILNE, P.H.	2599, 2613,	MOSS, D.D.	91, 291,
	3302		2655, 2666, 2848, 2907, 3004, 3005		512, 1842, 3003, 3051, 3056, 3057,
MCWHORTER, JOHN C.	1158	MILNER, A.G.P.	1434		3058, 3059, 3064
MEADE, T.L.	139, 967,	MILTNER, M.	1412	MOTOYA, S.	650
	2405	MILWARD-DE-ANDRADE, R.		MOTZKIN, F.	370
MEANEY, R.A.	3478		196	MOYER, E.J.	746
MEDGYESY, N.	1414	MINAMISAWA, A.	3046	MOYER, JAMES E.	2420
MEEHAN, WILLIAM R.	1162	MINERVINI, R.	646	MOYLE, P.B.	3560
		MINNIGH, H.A.	854	MUBARAK, H.	2105

MUDRAK, V.A.	1064	NAZARENO, A.M.	207, 2571,	NORRIS, K.S.	818, 2906
MUENCH, K.A.	2661	2572, 2573, 2574, 2575, 2576, 3413		NORRIS, R.E.	2880
MUGIYA, Y.	390, 650	NEAL, D.A.	2919	NORTH, R.M.	3402
MUGRDITCHIAN, D.S.	1465	NEAL, R.A.	8, 97, 2600,	NORTH, W.	461, 1115
MUIR, J.F.	1904	2632, 2837, 2874		NORTH, W.J.	2561
MUISWINKEL, W.B. VAN.		NEDELTSCHIEW, N.	888	NORTHCOTE, T.G.	385, 416
	897	NEILS, K.	2406	NORTON, V.J.	3390
MUKERJI, G.N.	2146	NEILS, K.E.	3359	NOSE, T.	1520
MUKHERJEE, A.B.	2042	NEILSON, J.D.	572	NOVAK, ARTHUR FRANCIS.	3225
MULLEN, ROBERT E.	140, 2035	NEKRASOV, A.P.	2285		
MULLER, R.G.	1050	NELLEN, W.	1478, 1582,	NOVOTNY, A.J.	242, 2041,
MULLER, W.A.	3353		2345		3030
MULLIGAN, T.J.	1972	NELSON, J.A.	367	NULLER, F.	2281
MULLINS, T.	3528	NELSON, K.	750	NURDJANA, M.L.	953, 2208
MULVIHILL, P.	317	NELSON, P.R.	2960	NURMI, E.	3208
MUMAW, L.	1946	NELSON, R.	3510	NUTI, C.	615
MUMFORD, T.E., JR.	2172	NELSON, R.G.	684	O'BRIEN, W.J.	1408
MUMFORD, T.F.	2564	NELSON, S.G.	96	O'CONNOR, D.P.	1934
MUMPTON, F.A.	1628	NELSON, STEPHEN G.	1119	O'KEEFE, T.M.	1580
MUMZHU, E.L.	1562	NESS, H.	3417	O'KELLY, M.	1877
MUNDEN, F.H.	2738	NETBOY, A.	2928	O'NEIL, M.R.	860, 1077
MUNDIE, J.H.	792	NEVE, R.A.	767	O'REAR, CHARLES W.	1368
MUNDY, P.R.	1814	NEVEU, A.	1081	ODO, D.	1823
MUNEKAGE, Y.	2364	NEW, M.B.	2215, 2746,	ODUM, W.E.	1320, 1321,
MUNRO, J.L.	607		3379		1343
MURKEN.	1656	NEWKIRK, G.	694	OGAWA, H.	890
MURRAY, R.	1424	NEWKIRK, G.F.	700, 707,	OGAWA, K.	952
MURTY, D.S.	718		716, 743	OGAWA, S.	522
MURUGESAN, V.K.	769	NEWTON, G.C.	111	OGLE, J.	2043
MUSIG, Y.	1060	NEWTON, S.H.	228, 1629,	OGONOWSKI, M.M.	440
MUSTAFA, S.	1636	1630, 1673, 1760, 2024, 2186, 2515,		OGRODNIK, W.	1792
MUSTIN, W.G.	3102, 3141	2516, 2531, 3442		OH, B.T.	1475
MUTHU, M.S.	702, 2205	NG, F.O.	2284	OHASHI, M.	1955
MUZAFAROV, AKHRAR		NICHOLAS, E.S.	2573	OHMURA, T.	271
MUZAFAROVICH.	509	NICHOLAS, JAY W.	2439	OIESTAD, V.	2652
MYERS, E.	12, 13, 24,	NICHOLAS, J.W.	468	OJEDA, J.W.	674
	37, 119	NICHOLS, B.L.	1349	OKIMOTO, C.S.	167
MYERS, E.A.	315, 3316	NICHOLS, J.	3364	OKOLO-KULAK, S.	346
MYOSE, H.	1762	NICHOLS, JOHN P.	3219	OLDIGS, B.	3195
MZAREULOV, B.M.	2709	NICHOLS, J.P.	1765, 2326,	OLENICK, R.J.	423
NACZK, M.	3178		3289	OLMSTED, L.L.	2261
NAEGEL, L.C.A.	2480	NICHOLSON, B.L.	886	OLNESS, ALAN.	1294
NAEVDAL, G.	573, 2422	NICKELSON, R.	3595	OLSEN, S.	3563
NAFTEL, P.C.	2981	NICKELSON, T.E.	643, 2063	OLSON, F.W.	436
NAGAHAMA, Y.	420, 541,	NICKUM, J.G.	1652	OLSON, M.	2359
	542	NICOLAS, E.S.	207, 225,	OLSON, O.P.	458
NAGANO, A.	2064	775, 975, 2571, 2572, 2574, 2575,		OLSON, W.H.	809
NAGEL, M.L.	971	2576, 2669, 2670, 2671, 3115, 3413,		OLSZEWSKI, M.	2372, 2523
NAGEL, T.	1660, 1667	3430, 3431, 3432, 3433, 3434, 3435,		OMAN, E.M.	2204
NAGORNAIA, S.S.	415	3436, 3437, 3438, 3439		OMOLOYIN, O.	2255
NAGY, A.	433	NIELSEN, L.A.	1553	ONG, H.S.	1741, 1742
NAIMAN, R.J.	1864	NIELSEN, LARRY A.	2086	ONIZUKA, D.	619
NAIR, A.	2467	NIEMELA, E.	903	ONIZUKA, D.R.	1941
NAIR, N.B.	1569	NIEMI, M.	1032	OPSTELTEN, R.J.G.	547
NAKADA, Y.	2364	NIETZKE, G.	1348	OPSTVEDT, J.	3222
NAKADATE, KO.	3382	NIEVES, L.	2309	OPUSZYNSKI, K.	1052, 1357,
NAKAMURA, H.	3188	NIGHTINGALE, J.W.	1946		2188
NAKAMURA, M.	2590	NIIMI, A.J.	1139	ORAVETZ, C.A.	3474
NAKANISHI, H.	2364	NILSSON, N.A.	416	ORDUNA, A.G.	2672, 3116,
NAKATANI, R.E.	282, 2682,	NISHI, G.	3597		3440, 3441
	2862	NISHIHARA, S.	2863	OREN, O.H.	3169
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SASEKUMAR, A.	1458	SEGOT, M.	1053	SHIMMA, Y.	1409
SASTRY, A.N.	528	SEHGAL, K.L.	706	SHIN, B.S.	1094
SATIA, B.P.	2743	SEID-RZAEV, M.M.	1126	SHIOBARA, Y.	3597
SATO, R.	535, 744	SEIDLITZ, U.	748	SHIRAZI, M.A.	1084
SATO, Y.	876	SEIFERT, W.W.	273	SHIREMAN, J.V.	895, 1614,
SATYANARAYANA RAO, G P.		SEIM, W.K.	1084		2508
	2681	SEIP, K.L.	3091	SHIRGUR, G.A.	921
SAUNDERS, R.L.	411, 659	SELJELID, R.	877	SHIROTA, AKIHIKO.	1689
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SAXENA, R.K.	696		2621	SHLESER, R.	2761, 3449,
SAXTON, A.M.	543	SENG-KEH, T.	1603		3454, 3455
SAYLOR, M.L.	3125	SENGUPTA, A.	2034	SHLESER, R.A.	137, 750,
SBIKIN, I.U.N.	1100	SENN, H.	719, 2597		794, 2547, 2591, 2702, 2839
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SCHAFER, H.J.	2942	SENN, P.R.	3118	SHRESTHA, S.B.	805
SCHAPERCLAUS, W.	3132	SENSENIG, K.L.	1936	SHUBA, T.A.	777
SCHAPERCLAUS, WILHELM.		SEO, J.D.	926	SHUSTER, C.N., JR.	3041
	3072	SEO, K.K.	2552	SIAM, C.L.	3134
SCHAPIRO, H.	1008	SERFLING, S.	1197	SIDDIQI, R H.	1289
SCHATZ, G.S.	164	SERFLING, S.A.	1181	SIEBURTH, J.M.	1258, 2635,
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SCHENKEL-BRUNNER, H.		SERNS, S. L.	483, 503	SILVA, E.M. DA.	638
	398	SERVETNIK, G.E.	1605	SILVA, J.M.F.	2004
SCHERBAUM, I.	893	SETZLER, E.M.	460	SILVA, J.M.F. DA.	2074, 2229
SCHERBINA, M.A.	1755	SEVALDRUD, I.	1108	SILVERMAN, ARNOLD.	2701
SCHILLING, H.U.	857	SEYMOUR, E.A.	393, 569	SIMENSTAD, C.A.	1396
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SCHINDLER, D.W.	1101	SHAFFER, K.U.	693		1635

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SIMONOV, V. V.	1678	SNIPES, R.L.	1222	STEPHENS, C.A.	1187
SIMONUTTI, T.	1486	SNODGRASS, T. B.	1318	STEPHENS, W.W.	1152
SIMPSON, D.E.	2259	SNOW, J.R.	1551	STEVENS, B.	2363
SIMPSON, K.L.	1433, 2510,	SNOW, S.	242	STEVENS, JOE B.	798
	3207	SNYDER, B.P.	247	STEVENS, R.E.	758, 3038
SIMS, C.	553	SOBOLEV, Y.A.	1371, 1744	STEVENSON, D. K.	2548
SIN, A.W.C.	2110	SODERBERG, R.W.	1024, 2551,	STEVENSON, JOHN P.	2234
SINCHUMPASAK, O.A.	1886, 1887,		3400	STEWART, E.A., III.	1596
	1888	SOEDER, CARL J.	2007	STEWART, J.E.	251, 1017,
SINDERMAN, C.J.	142, 940	SOEDER, C.J.	2134		2550
SINDERMAN, J.	941, 942,	SOIN, S.G.	490	STEWART, W.D.	1181
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SINDERMANN, C.J.	22, 1014,	SOKOL'SKII, A.F.	1057, 1098,		510, 705, 923, 1129, 1175, 1176,
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SINGH, R.K.	1540	SOKOLOV, V.B.	437		1625, 2056, 2338, 2343, 2344, 2426,
SINGH, R.P.	3140	SOLEMDAL, P.	2652		2881, 2940, 3104, 3592
SINGH, T.	1232, 2121	SOLOMON, D.J.	3087	STIER, A.R.	412
SINGH, V.P.	2127, 2128,	SOLOV'YEVA, L. M.	1264	STILES, S.S.	808
	2129	SOLSKI, A.	1276	STIRLING, G.	1128
SINGHOLKA, S.	2215	SOMMERVILLE, C.	852	STIRN, J.	1323
SINGIT, G.S.	2029, 2144	SONG, Z.	2131	ST. JEAN, J., JR.	1255, 1338
SINHA, V.R.P.	2634, 3326	SONI, D.D.	1447	STOJANOVIC, N.	3192
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SIVALINGAM, P.M.	2469, 2793	SOUCHON, Y.	1799		2562
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SJOBERG, L. B.	3177	SPATARU, P.	1509, 1661	STORCH, N.	616
SKEA, J.C.	1156	SPECTOR, A.	2247	STOREBAKKEN, T.	1467
SKEEL, M.E.	1849	SPEECE, R.E.	1074	STOUT, B. A.	2558
SKINNER, JOHN L.	2684	SPIESER, O.H.	889	STOUT, JUDY P.	3092
SKJERVOLD, H.	2842	SPIGARELLI, S.A.	1394	STRAIT, L.E.	1804
SKLYAROV, V. YA.	1503	SPINELLI, J.	1691, 3155	STRAUB, D.	2526
SKORSKI, Z. E.	3178	SPLANE, J.	2296, 2297,	STRAWN, K.	503, 519,
SLACK, E.B.	1326		2299, 2300		674, 1599, 1953, 2379, 2478, 2577,
SLANE, J.	2298	SPOTTE, STEPHEN H.	3001		2698
SLOCOMBE, R.F.	1531	SPRAGUE, L.M.	3018	STRAWN, R.K.	431, 1530
SMALL, D.P.	3245	SPURNY, P.	1500	STREET, D.R.	63
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SMART, G.	1140	SRIVASTAVA, B.K.	1447	STREL'TSOVA, V.T.	1512
SMART, G.R.	1047	SRIVASTAVA, G.N.	2146	STROUD, RICHARD H.	2692
SMIT, J.G.P.	3348	SRIVASTAVA, N.K.	696	STROUP, CANDACE.	118
SMITH.	1319	SRNA, R.F.	3168	STROUP, E.D.	268
SMITH, A.D.M.	1816	STABELL, O.B.	448	STUCK, D.D.	90
SMITH, B.	3011	STAHL, G.	647	STUDSTROD, J.E.	2204
SMITH, BARRY D.	1119	STAHL, M.S.	1587	STUIBER, D.A.	2688
SMITH, B.C.	107	STAIRS, S.	736	STUNKARD, H.W.	873
SMITH, C.W.	498, 1233	STAITIEH, S.	3250	SU, C.K.	467
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SMITH, F. J.	3408, 3411		2289	SUFFERN, J.S.	721, 2165
SMITH, G.S.	1813	STANLEY, BOB.	1324, 1341	SUGAHARA, I.	1366
SMITH, I.R.	8, 2197	STANLEY, H. I.	1973	SUGIYAMA, M.	1234, 1366
SMITH, J.E.	960	STANLEY, J.	579, 703,	SUKHOVERKOV, FILIPP	
SMITH, J.N.	99	STANLEY, J.G.	727, 774, 1655	MIKHAILOVICH.	2728
SMITH, J.W.	908		1117	SUKOP, I.	1460
SMITH, L.J.	3450	STANLEY, R.A.	3159	SUKUMARAN, K.K.	665
SMITH, M.H.	1216	STANSBY, M. E.	463	SUKUMARAN, N.	2096
SMITH, PAUL E.	708	STARNES, WAYNE C.	63	SULLIVAN, EDWARD G.	3044
SMITH, P.J.	618	STARR, P.D.	2860	SULLIVAN, E.G.	2694, 3029
SMITH, R.A.	1123	STEARNS, J.E.	3052	SULLIVAN, G.M.	7, 3228
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SMITH, S.L.	746, 751	STEEBY, J.A.	1467	SUMITRA-VIJAYARAGHAVAN.	1432, 1489,
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SMITH, T.I.	2601	STEENBERG, K.	2870	SUMMER, C.	3319
SMITH, T.I.F.	688	STEFFENS, W.	1474	SUMMERFELT, R.C.	971, 1707,
SMITH, T.I.J.	815, 915,	STEGMAN, K.	3173, 3181		3511
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SMITHERMAN, R.O.	374, 386,	STELLEMAN, J.			
	512, 521, 668, 726, 782, 1249, 2421,				
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SUMNER, C.	1990	TATARKO, K.I.	534	TOMIYAMA, TETSUO.	2511
SUMNER, C.E.	1884	TATE, W.P.	660	TONER, R.C.	1722
SUN, N T.	1313	TATUM, W.	493	TORRANS, E.L.	551, 1760
SUNDARARAJ, B.I.	770	TATUM, W.M.	2397, 2398,	TORRIERI JUNIOR, O.	2164
SUNDARARAJAN, D.	2166, 2327	2399, 2400, 2401, 2402, 2419, 2829,	3160	TORRISSEN, O.	1446
SUNDE, L.	2792	TAUB, F.B.	1701, 1714,	TORTELL, P.	221
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SUSEELAN, C.	2025	TAUBER, G.	3233	TRES-DICK, J.	1693
SUTINEN, J.G.	3472	TAVE, D.	668	TRIEFF, N.M.	2774
SUTTON, D.L.	579, 727,	TAYLOR, L.R.	1889	TRIMBLE, G.M.	308
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SUTTON, R.J.	1777	TAYLOR, R.E., JR.	395, 471,	2398, 2399, 2400, 2401, 2402, 2419,	2540, 2641
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SUZUKI, T.	1815	TEER, JAMES G.	118	TROJNAR, J.R.	735
SVETLOV, M.F.	2954	TEIXEIRA FILHO, A R.	2605	TROTMAN, C.N.A.	660
SVIATOGOR, G.P.	540	TEJADA, G.	1217	TROTTA, P.	1482
SVOBODOVA, Z.	1441, 1504	TENAKANAI, C.D.	2031	TRZEBIATOWSKI, R.	1858
SVRETT, R.F.	855	TENG, S.-K.	2369, 2391	TSAI, S.	1020
SWAMINATHAN, M.S.	2200	TENG, S.K.	2355, 3308	TSCHIKOWA, W.	888
SWANSON, M.	2826, 2879	TENORE, K.R.	1311, 1341,	TSOI, R.M.	554
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SWANSTON, D.N.	1112	TERAZAKI, M.	892	TUCKER, C.S.	929
SWETT, D.	1189	TERCEIRA, A.C.	1980	TUCKER, L.	1060, 1570
SWIFT, D.	126	TERESHENKOV, I.I.	1720	TUMMALA, R L.	2558
SWINGLE, HOMER SCOTT.		TERNOUTH, A.	2302	TURDAKOV, A. F.	683
	306, 2964,	TERRELL, TERRY LEE TICKHILL.	1206	TURGUNOVA, U.T.	1512, 1513
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SWINGLE, W.E.	2956, 3040	THAIN, B.	1910	TUTEN, J.S.	1881, 2429,
SYLVESTER, J.R.	505	THARNBUPPA, P.	892		2520
SYSOEV, NIKOLAI PETROVICH.	3398	THERIOT, R.F.	1211	TUTT, J.	2742
	3536	THIA-ENG, C.	1603	TVENNING, HANS.	2075
SYSOEV, N.P.	2995	THIEBAUT, ANDRE.	2824	TYDLACKA, G.C.	2326
SZALAY, M.	3555, 3556	THOITS, C.F.	2997	TYLER, A.V.	2050
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SZLAUER, B.	1564	THOMAS, J.E.	3311	UDUPA, K.S.	1539
SZLAUER, L.	2673	THOMAS, R.B.	796	UEDA, H.	382, 630
SZUMIEC, J.	1397	THOMAS, R.E.	2987	UEKITA, Y.	1375
TABACHEK, J.L.	1700, 1736,	THOMMES, M.M.	1394	UKELES, R.	1492, 1601,
TABB, D.C.	3526	THOMPSON, C A.	3223		1745, 2585
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TACON, A.G.J.	1059	THORPE, JOHN E.	2191	UPCHURCH, J.E.	1367
TAGATZ, M.E.	1032	THROWER, S.J.	3191	UPHAM, S.P.	3527
TAIPALINEN, I.	3090	THUROW, F.	2278	URE, J.	2485
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TAL, S.	3537, 3576	TIEMEIER, O.W.	1716, 3220	UYENCO, F.R.	883
	400	TIEMER, O.W.	1651	VACEK, JAN.	3258
TAMAOKI, B.I.	1098, 2350	TIENSONGRUSMEE, B.	953, 1600,	VAIL, J.P.	811
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TAN, E.S.P.	457		930, 1438, 1575	VALENTI, R.J.	2301
TAN, R.H.	1272	TILLIEN, G.	3246	VALENTIJN, P.	1435
TANAKA, J.	390	TILSETH, S.	2652	VALTER, D.	859
TANAKA, K.	2054	TIMBERLID, J.A.	1108	VALTONEN, E.T.	872, 903
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TANONAKA, G.A.	3508	TODD, J.	169, 2276	VAN GORDER, S.D.	2071
TANONAKA, G.K.	2501	TODD, J.H.	1981, 3354,	VANHAECKE, P.	2351
TAPIADOR, D D.	1283		3374	VANHEMELRYCK, L.	476
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TARRANT, R.M. JR.	420	TOMASIN, A.B.	894		1292, 2018, 2755
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VAN TOEVER, W.	1056, 1979	WALSH, D.F.	1018	WHITFIELD, W.K., JR.	2846
VANYAYEV, N.	830	WALTERS, C.J.	568, 592, 1816	WHORISKEY, F.G.	1864
VAN ZON, J.C.	2502		345	WHYTE, J.N.C.	3105
VARELA, G.	1920	WALTERS, J.F.	3100	WICKINS, J.F.	2417, 2642
VARGAS, J.I.	196	WALTZ, W.	681	WICKRAMANAYAKE, D.	537
VARGHESE, T.J.	571, 633, 2029, 2144, 2681	WANG, C.Y.	800		585
VARLEY, R.L.	973	WANG, J.C.S.	1263, 2009, 2463, 2598	WIDJAJA, F.T.	1863, 2210
VASAL, S.	770	WANG, J.K.	593	WIDMAN, J.C.	1691
VASQUEZ, E.O.	207, 2571, 2572, 2573, 2574, 2575, 2576, 3413	WANG, M.	467	WIEG, D.	46
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VAUGHN, J.M.	471, 1296, 1340, 1356	WARNER, K.	1089	WIESINGER, MARTON.	
VDOVENKO, N.E.	1608	WARREN, C.E.	1209	WIESNER, ERHARD ROBERT.	843
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VEGA-MORERA, H.	1907	WASLAND, J.R.	458	WIGGIN, K.	2789
VEGAS VELEZ, M.	70	WATABE, N.	1228	WIGGLESWORTH, K. A.	1984
VENKATARAMIAH, A.	1617	WATANABE, T.	896	WIJESEKERA, N.	2010
VENKATESAN, V.	2166, 2327	WATANABE, Y.	3253, 3310	WIJKSTROM, U.	2849
VENKATESH, B.	1624	WATERS, J.R.	75, 1145, 2251, 2252, 2253, 2254, 3149, 3150	WILBUR, R.L.	3279
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VETTER, R.J.	1037	WATTERS, K.W.	1830	WILLIAMS, H.	979
VIDAEUS, L.D.	3472	WATTS, R.	3539	WILLIAMS, J.	553
VIK, S.F.	1	WAUGH, F.V.	2067	WILLIAMS, L.D.	1287, 2631
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VILLEGAS, C.T.	2158	WAUGH, G.T.	2282	WILLIAMS, R.	3351
VILLELLA, J.B.	1014	WAWRONOWICZ, L.J.	2629, 2630	WILLIAMS, R.J.	3479
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